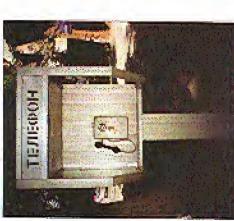
Former Soviet Payphones!



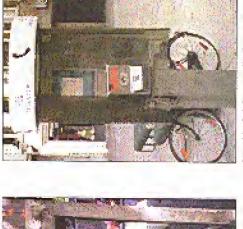
this drab phone is a reflection of the monotoness of eithat awaits you in Nazakhstan.

Photo by William W. Perkins



This bright and colorful phase represents the contract from and dancing that goes on every day to Kygysten.

Photo ny William W. Peridas



Found in Selgium, eisiny the most repaterious and insurfacestood chalt the former Soviet Re-

Brabness returns in Armerie.

Shota by Derek Srown

Photo by Witel Chaos

Come and visit our website, and see our vast ariay of payphone photos that we've compiled! http://www.2500.com

The Hacker Quarterly

"This is not a tool we should take seriously, or our customers should take seriously." - Edmund Muth of Microsoft, reacting to the release of Back Orifice, a program that attacks Windows 95/98 with a vengeance, by the Cult of the Dead Cow, as reported in the New York Times. We should point out that they said this BEFORE the program was released.

STAF

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The Hacker Quarterly

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that has no basis in reality, or something a lot closer to home, we wind up actually gate ing strength when the dust clears.

somewhere, a presente law-

get hit with something, whether it be word of a chilling raid

We've said often that every time we

Well, the does is that from cleaning but it's pretry obvious that we're heading someplace with renewed vigor. The hacker spirit is self-invigorating and it's surprising how many people either newer realize this or l'arget it rather quickly as they move ou in the

Let's start with the close to home stuff. It was a year ago that we first fold you about our origining financial problems, caused primarily by our main distributors young bankrupt and taking a year's worth of our sales with them. We know we weren't yoing to let this destroy all we've accomplished over the years but we felt we needed to explain why things might get sort of foucer and unhappy in the months sheat.

To the surprise of many, we didn't stagnate at all. Against the advise of everyone with a modicium of sense, we want forward with new issues, new projects, and new campaigns. We are ecentally grateful to those of you who stock with us in this difficult period, which, we are happy to say, is nowbehind us. Thanks to strong sales at the newstrands, we've been able to pay just about all of our printing tiebles and, by the tippo you read this, we should be entirely aught up. We less a number of subscribers and we can certainly understand why. If there was even a remote possibility of our going under, who would want to lose their

subscription payment? Now that we're back in force, we hope to see the subscription rambers go back up. The advantages to subscribing, you'll get your issues on time every quarter, you'll be able to take our marketplace at's for foo, and you'll consider the "Free Kevin" stickers we threw in with the Spring assue. We're not trying to discourage people

from picking us up at the bookstears and newsstands but we feel attributes to also have a strong subscriber base in case we run into amother distributions between the sead.

Winds we lost a year financially, we were able to continue our sorbacks when it came to the truly important things. Since taunching the "Free Kevin" campaign earther this year, we've managed to raise nearly \$3000 for Kevin Kitnick's defense fund through the sale of our bumper stickers. By reversping the www.kevinnibitick.com and www.2600.com sites, we were able to get many more people interested, and bence involved, in semething that really mattered.

External forces deserve a lot of credit for moving us forward. The announcement of the Exkedown movie in our last issue and in other forums produced a strong reaction, the likes of which we have not seen in our entire publishing history. It was bad enough knowing. Kevin was still us present after more than three years of waiting for a trust that never seemed to come. But now, a film that would portray him as a truly will person and at the same time that the pockets of those who helped put bins in the position he now faces? Even people who thought he was guilty of successing came out strongly appeared to this.

It started in July with a demenstration outside Minames: offices in New York by should two depen of us. That doesn't sound

tike much but whenever you can get that many people to stand in front of a building with picket signs in this day and age, it's a very sugnificant statement. Sed but true. And the impact of that demonstration was elegify felt throughout the industry. Even the press took notice, although it sock most of them after weeks to get assumit to owering it. But in the end, our demonstration achieved everything it set out to do: raising awareness, begin a truly organized campaign, and show support for someone who was unable to defend themselves against a host of really powerful entities.

Miramax, to their credit, had the seriest rewritten several times, addressing treatly all of our objectues to the original version. The infamous guckage can scene itus been serapped. Kevan is no longer portraged as a violent racist. And, in a nod to reality, serious questions are raised as to just how involved Kevin actually was in the backing of Teutorus. Shintomura's machine and even more importantly, just why the FBI was tangeting Kevin in the first place. But we can't say we support the first place. But we can't say we support the first pack. But we can't say we support the first pack. But we can't say we support the first pack. But we can't say we support the first pack.

suffice to say, we've got a fascinating story equipment we can get our hands on but, with it new depends on what kind of editing nearly 100 hours of factage. What we do volvement in the case and came away with with dezens of people on all levels of inanswers in the whole Mitmick affair and (unitionited mileage rental var) searching for people draws through the catice country good part of the summer, a group of 2500 we decided to do something more. So, for a we saw to be real inspiring. So cruch so that to the major motion picture that will be out to tell and a most interesting coerdespond filming as much of it as possible. We spoke We found a lot of the cause and offect

Considering the weakened state 2009 was in at the time we began this project, such an endeavez could best be described as

foolbardy. Nevertheless, we knew this was the right time, and the only time, we could cover the story in this way. The "Free Kevia" movement has been growing with every passing month and the news of the Trifedown messic only served as a catalyst. Again, good has come out of bad and all of us emerge from the darkness with more strength and determination.

mails, spreading evereness and adding to sons why the battle was won. this will be shown as one of the major reable to go and do it. In the end, we believe to do but so liew of us actually take the frombelieve in It seems like such a simple thing terence, just by standing up for what they colleges are realizing they can make a diffthey'be deing. People in high schools and soon more woothwhile then hearing what real multi is that nothing makes all of this them say they were inspired by 2600, the handing out leaders in their schools and the movement. While wo've beard many of the word out. All ever the country, kit's are We're containly not the only ones getting

One of the most dramatic incidents in recent methody was the New York Times web page tack. On Staday, September 13 (an extremely busy news day due to the Chaten soundall), hackers usplaced the usual page with a rambling text, the entirely of which may have been hard for some to understand. But one section quite closify tall of the injustices of the Kevin Michaels as well as the chapability of the Times in his capture and the ensuing cashing in of the story. For many, this was their first exposure to any of this.

The message from Sevin and his atterney was very clear, this kind of thing is bad as it sends the wrong message and semulow makes it appear as if he's responsible for not chaos. However, we have tribed feelings. While doing something destructive in Korin's name certainty wan't help his case, so're not enterely sure than what happened here. The Breav is not claiming that there was any destruction to their original page. A

Progress Combined on Page 53

sides of teprip. more people the ability to play with the inspecifier for once and maybe give some other than a knockelf of a knockelf of a thought it would be pice to see something available from Pranticoto/ghillez.html 1 my alpha perl spoofer, slapfro, which is The gode presented here is a subset of

with increasing port numbers, sort of like point we'll just send out some top packets too big in scope for our purposes. At this connection specing, because that would be fings or some shift. We're not going to do tap trany, or if you want to experienced with to set the source address to semething arbiowe peakers. This can be useful if you like we readly want to do with lego is build our ward) We'll eat this one - umm - tage. Als (year, you can do comp or udp too if ye we'll be building a top speader in perl with the insides of teptip. In particular the say a half-opened postsour would look Greetz, boys and gueller. Today, we play

at all came from the apparent source of the sive, nor necessarily evidence that anything that portsosning is neither harmful, intrurains look silly, and finally seaching them the added benefit of making upright sysadif ions of people begin to use this, we get

> nested 1,2,3 - they each use the next us a specy there for you? The tipod sections are wants to worke checksom code when it's almangled in transit. I salmit, I sipped off the a checksum for the packet - used to tell the packet logether. The third section calculates say, by incrementing the destruction port send lots of packets or to vary the packets. any looping and shit that we neight use to tiest sets up things like source and destinathat we will use to create our packets the subgouting. checksom code from National Ship, who receiving ruschine that the packet didn't get headers will look like, then we put the the gater we figure out what our ip and top each time we seed. The second section is tion address, ports, number of packets, and There are three main sections of code

A Quick Tour

take these five items as parameters from the metion addresses, run a smiller, and enjoy. eations of target box, source box, and ports By, just put in some valté source and destido is watch some home-beewed top packets If your arrelation is low and all you want to For the alightly more motivated, you could фотилилий йак. The first point of interest is the specifi-

горардаў гонішт

name) and set a few constants that we will dress into something usable (gethosibythings like convert our hostname or ip edsource statutes for you). We apan our only, the OS will do things like set the have much of it we're responsible for itypiuse to indicate what we are building and pend in Make sure you account for the inarg) but if you went to add sende, just apstruct the entire peobot for us. At this prior. is the peaker. Our givehead remine, which poin on the range \$455_port_low ->cause we want to sond one packet to such socket here and gut ready to send the packet we put no deta in the packet (florit noof used to be used only for beaders, will con-Sdest_port_hi. The only thing we need now ing packets, we chill and have a 40, and our creased packet length in your assorted packet maker tells us that the sean is comlength vars to come. Once we're deale sendwe start the port incrementing iceg. be-This is the first main rootine - we do

attack?), etc., etc.

girebouil resoline:

also of the schip of the top position of the that we cheate a top pseudo-header on hard to screw up, governed does two things: program. I've taken the liberry of sticking which to calculate the top checksum. We do Intendity enceyphology in variables, so it will be pert "pack" command to pet each variable header pasts actually come first. We use the pucket at this time, even though the ip wicked handy to know what a top packet statement). At this point, it would also be able but not great exploration of the pack (see ORA Programming Peri his a reasoninto the precise former that we need it in size, meaning, and ordering of all of the classes or something. Just understand the ries or and tittle oberts from networking It's the best. Otherwise you can browse the beits like - get TCPOP Macharet Val. I. This is the big buby lesus routine of the

fights in a top packet.

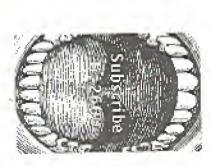
wicked long and send no data. Final with the them of you like. Make the packet length even put in a little routine to morement adknowledgment numbers? Go shead these to 1. What to strew with sequence and FEN, and RST in the same pucked? Switch later the ip_variables. Want to see a NYN, loose. Take take of the free_ variables, and more ambitions readers can really get ungent flag and pointer (remember the OOS) OX, must preached. Here is where our

got the top checkson, is to got it all tobit field. Thanks for playing. gether along with the ip header. This is a inequal by massing with the variables. Note any top looking peaket that you can unagsion. You should be able to build just about type of service, time to live, even up you good place to set fragmentation options. in a variable. Example: do not put a "2" in a to salves: do not put an unfrigadly data type Oh yeah - the second step, after we've

greenled it for aestitatic purposes). At least it tine, and, like I said, I stole it. (I re-com-The last routine is the checksum for-

algorithment of the Peace and enjoy.

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2600 Magazine

Page 8

Foll 1998

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Socket Programming For Fun and Profit

understanding of the TOPAR protocol ole assumes some basic C programming skills from the nester along with some basic knowledge and grams, they should be able to do so and understand the basics of them. Our goal in this article will be all backboows and the globe. Because even if every backer doesn't write their awn proreason for the reporting this actuals was both to fourth and to give some useful and treative information to to be 16 you early take responsibility for your own actions, what makes you think anyone else can? The to oratio a polygoniae. Simple and clean with just hostitude lookup and no extra functions. This arti- \dashv of these shooty familiar with the basics of socket programming may stop resting right new Tiest of all, this is no article for expect since I'm no expert myself on order TUP/IP or C. So all And by the way, I am my responsible for any actions taken due to the unformation within this as-

We will use the gerhosthyname(2) to present the given argument (See code!) do that it C i will slob duck for it. After that it will take the best tene, (e.p. (1)), to see if it is salid. tier does to check the norther of arguments given to the program. Since I suppose you all know how to First of all, we'll have to ask aunyalives "Blow does a purissioner work?" The first thing a posterior

the defination of rostest is found in smetch.ro. (as is the definition for geomostop-

sinual messent mose = getmosebymama(snav[1])

rerectly, and looks take those "

```
struct hosted
       *define b_ndd= b_oddr_list[8]

    Structures returned by meteoric drop base library. All addresses are
" supplied in host order, and returned in network order (suitable for
" use in system calls).

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                                                     I'm Langton of address of
                                                                               It has address type of
                                                                                                                                   /" official name of host ">
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a little test brokusm. This means that our IP member for the liest given in experiil is stoned in host telegrame. Leek with

144.00.0

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TERCINDE ANDREAD for
                                                                                                                                    .cid pain(int ongo, obor ""orgy) (
victim = gathostkycome(orgv(1));
prinef("xi.%i.%i.%i.kila",victim-shicodor[@]
                                                                if (argon2) exit(printf("was with host as organize an"));
                                                                                                       seruct hostent "wictum;
```

2600 Megazina

Fall 1998

```
.victim-sh_scdr[]]
, esetim-shipser[40)
```

the ranger hose's arrivess. What should we do neve? As you can see, all that segments of the IP number are stored into a separate byte. So how we have

cent (di that social) to connect to a port on a livet that is any we would want to during a tertife website at puter (it is the endpaire of the connection) Once you have unitated a socketion your computer, you Ophronov, bese is what would happen (skipping aslookup). Fast of all, you initiate a socket - both exit it "5". This socket allocates a few part on your own-A brief description of hybridally happens when you growed wai TCPPP to attende host also order

Lise 5 to connect to www.lopht.com.port 80 Initiate subsect S. (Cod a Circ pert, less say you get 2273.)

Is theory your connection would look like:

Simplify (Spheroscope)

Charles Sign Appeal united

30 and sight www services to some SC

stocket 2). Elect's the definition of socket(2): are elessed. Len's spart to take adopt at how to apple that he because the socker we will use the freezion every part between a specified range on a host to see which parts (services) are opered and which ones So what we need to do is to greate a socket and fell it when to connect. A politicalizer connects to

est socket(for dimeio, int type, int protecti);

The turns an integer above and (which is the spakes bandler) open success or "I" if this to the

particular scoket type within the protocol family. The required header files for speker(2) and open CONTROL OF STREET PROCESS AND CONTROL OF STREET therefore set to 0, due to the fact that most of the times there only exists one protocol to suggest the provides a two-way compaction based byte stream. The protectal argament with not be used and is ARTA interact precood and the one we will use. The type we will be using is SCICK_STREAM which Example usage of stokes(2) is \$150ckes(AEJINET,SOCK_STREAM,C). The ATJINET is the

After the sacket is created we will use the consect(2) to establish the connection to the larges have

int connectiful sociald, street spekaddr *serv_addr, its addrien);

ose the socksubligie shoet, (so also include sheepachs he), sociapita jin books like titis spokid to the socket descriptor/bundler (5 in our example). Instead of the socioaddriction we will

```
struct injeddr (
__c32 s_ocdr)
                                                                                                                                                                                                                      struct sockhodrium (
                                                                                                                                                                                                                                           /* Structure describing an Internet (17) socket address. */
#define __$00K_$07E____18
                                                                                                                               struct incode: singular: //
                                                                                                           unstaged char
                                                                                                                                                                          preferred short fine
                                                                                                                                                                                                    STORE THE
                                                                                                                                                                          110047018
                                                                                     ...pad(_...SOK.SEZE . - sizeof(short int) -
sizeof(unsigned short int) - sizeof(short int) -
                                                                                                                                                                                                sur_family;
                                                                                                                                                                          /* Address family
/* Fort marker
                                                                                                                                                   A lingernet address
```

By what you can see above the still edd is lead in a just but his given by but number to independential

IF number (for example 0.37500001 is 137.0 0.1). So how do we convert the result in host-oil_addr, given by pathosite/stance(N)? Kasy, we'll just cast the host-oil_addr with "(long "N)? ost-oil_addr). Exhauly, don't farget to use the bound?) to convert it an reversibyte order on x86. And the eddition argument is just specificaclocide). We will have to assist our sockader in vertible to a sockader struct when passing it to compact?) And of create, one final thing, don't farget to dose down your socket. Use abject?) with your socket as arguments. Take: close(0) (The definition of class(2) is Sourch compatibility.)

Writing The Gods

New when your fuggraps are litching to get down to bus ness don't let me hold you back. You should written problem he able to write a pornscender or anything class carry your imagination sets the limit. No guide is complete writtout that final piece of source code, so here it is:

Contractor of

```
Athelude «sys/types.h»
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #include womistdum-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  windlade outsitude
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 annotade ometimes/in.to-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pincicale Asystacover. No
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             #define $100 1824 [37]
                                                                                                                                                                                                        fac (poin=3)48%; port<=570%; port++) [
victim.sin_port=htons(port));</pre>
                                                                                                                                                                                                                                                                                                               c/cddm.wic_oddm.s_dddr="(long ")(fosn-wi_qddr);
                                                                                                                                                                                                                                                                                                                                               人が大手がは、気がの具性の間には実生を手には原因した。
                                                                                                                                                                                                                                                                                                                                                                                                                   of (inest) with(priofic*Error Locking up hostooms.in*))
                                                                                                                                                                                                                                                                                                                                                                                                                                                      host-gethortbycologorgy(1]);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          if (angove) exit(printf("Usage: %s dostrangers",ongr[8]));
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              prints("For his worker-programming criticals in 1898"n")
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              printf("PortSeas v1.0 - By darknite[@kurin.net]\s"]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     struct sectoddruin visting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     struct hostent Thust,
                                                             if (fearmees(s,(struct seckpoor "Davictim,wideof(victim)))
(f (close(s)) exist(priotIf("Screen closurg socket.in"))
                                                                                                                                                                       SANSAKES(AF_DORT, SOCK, STREEN, 8);
                                                                                                                                    (# (se8) yeit(printf("Esser esseting socket.\n"));
                                print@"part: 2076", port):
```

As I have said before, I am no expert on socket programming our TCFVP commitmation, but I betteve this should be analog. For angents to get stanted with socket programming and to write source bandy tools. Since I only use Linux, everything in this article has been restrained relinux only, but I betteve (Sat it should work fore on all other LiN*X systems one. (You might been consectable work fore on all other LiN*X systems one. (You might been consectation in use man as frequently as possible.)

Good luck with your programming.

Fall 1998

Blasting Sound

by Statun

send_sound, which is installed by the defaulted puter names hooked into your network (3:1 ft what I can do to exploit this. No sooner had I searcht spinning, GK, I was thinking, look see ing. Latiness priced, I loughed so hard. When this software on these works so one, so do a search list. You also need the program called what you need to do is make a list of all the comnorth. So I remove this lottle progressor to see 1978. for the so send a sound to each of like workstao't really laggy, I wonder how tong it would also assert onyself this chan is hit too. This conwork issource. So as soon as I descreed this, the wheels merely legands another campular to send them a (customes Navel) on kp3) don't again you to reprogram dices as explicit this fact that severe Unix § green. The first time I used it, it was truly smar-I have had so much fin with this total per-

for it. Place it in the same directory slong with the spend files you wish to use.

for my first sound I work a short zig/ sound. I thank I got in from a laser blast soundwhite. Oh man, was that family, bail every compater so like - everyone stood up and lacked accord as the sound went from computer to computer, from row to row, it sounded like the Fourth of Lidy in there.

For my next second, 5 felt like factoring some applicase for any offects, so I sent a round of applicase, which turned out to sound like a rook concert inside there. By this simple the septimisers were very curious to see who was identification the workday. Babo.

By manipulating the file list I could have the rap sound bounce arouse the large building I was in, which was limited. Be oriented - among your neighbors and filestick!

```
Ain the same directory and put the tube number or numbers you wish to abject the computer? I or wholever the other computer's name is. These can this program and tab down to the organisms below the sound you wish to send EX: Zap.ou
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Assumeds you would be said to the same additionary together. Charge the MADABATIA where this program is allocated most create a live called "list".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Wilhis program is for blasting gounds at people thus entry you store one observe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATO use this program you most move the program would source and the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          attacked chacked and coded by -- takens - ake Statish
1967年中帝是大学中华大学中华大学中华大学中华大学中国的自己的自己的自己的自己的自己的自己的是大学中华大学中华大学中华大学中华大学中华大学中华的自己的自己的一个,1948年1957年,一个1948年1957年,
                                                                                                                                                            About alkey and born you blosted them.
                                                                                                                                                                                                                                                                                                                                                                                   Program 10 : Soundslosted
Description : This orogram is used to blast the held out of people
logue forwarders : Lype to the sound more next to organism
                                                                                                                                                                                                                                                     Output Files
                                                                                                                                                                                                                                                                                                                     Topor sties
                                                                                                                                                                                                                                                                                                                                                    Exit Volue
                                                                                                                                                                                                               Link Procedures : None
                                                                                     2000
                                                                                                            KODISICATION 106
                                                                                           ではのできる

    Host have a file called list in the same directory
os this program
    Greates a file called USERS

                                                                                           Description
```

Fall 1998

37.0

Modern Appellagued - server those for \$2.53 \$4.55

#1/21/2/25h

For more the fact Task!

by skup

The backer group known as Oolt of the Daul Cow (CdC) recently released a goat backing tred known as Back Orifice, or BO, on August 19th the effect code was ported to UNIX. The legistrate purpose of BO is the remote administration of one's machine. BO effects Win9598 but not NI. The following article explains the page of BO, how it works, and how to greatent it from attacking you. Much of this information is taken from BO documentation, and resources on the cost.

How It Works

50 consists of two parts, a client and a sorver. You have to usuall the server on the machine you wish to gain serves to. The server is included in the BO insuclation as begaveries. Once may it self-installs, and then causes itself. After that the server machine will run BO server every time it starts up. The process is not visible in the processes tist (coll-ah-del). The server excelligible copies itself to obviodows/system as "...co.".

The server can be configured using beconfigure, which allows you to specify the name of the fits (default: ".exc"), description in registry, yout (default: 31337), and password. (default: no password) emong other things.)

Once the server is installed, you can use bootseaces (boratix for the unix versions), or bogul exe (graphical) to access the server machine. The client sends energated UDP (connectionless) packers to the server machine in order to companiesse.

How To Get it Installed

Here's whose our favorite skill, social engineering, comes in. Make up any kind of bullshit story in order to get the person to ran this file. Pretend to be a larnest, say it is a new

game, tell them it's a couple of xix pies in self-extracting feenest. Be original, and don't push them to run the file -fais will make prople suspicious. When they run it they may say something fixe "What the fock? It disappeared." This is other yet know that you have full access to their machine.

Using the Client

The effort interface has truly features. You can read the supplied does. I will discuss some of the more fun features and their uses.

Once you sup the client you can type "help" or "?" for existence on available commands. Plan of all to connect to a machine you have 800 ed, uso "bost ").

Jems accessing BO'ed muchines while using use netscapes any friend reports weiled peobwhose through a web browser on that port (1 http server. New you can access their mamuchine. Use "lapped spectro" to activate the this is awkward and takes allong time. Luckaround on this person's hard drive. Stewered munds (du, od, caps, del, ctc) to move sopal docs, steal wares. browsing: look at person's prim, read perto uplead files. Fun things to do while nient form on the bottom of the page for you Internot Exploiter.) BO includes a conveyou can download and intered files to the ily, BO includes a back at larg server se than Now you can use standard 1008 own-

Another for thing to do, which tends to some the shift and of people, is to display with slog box, an their computer. Use "dialog cleans strides" to make a dialog box pop up on their mechant. I have found that in the windows bookiest, the dialogs do not come out right if you use quotes. I'm not sare about the limax vection as I have not book white to test at However, using the gui aftent for windows this bug does not exist. Be coreful using this as I have people know that their

machine is in the process of being owned and they tend to reboot as quickly as possible. If this happens you can use the sweep command to sweep their subject and find their machine again in the case of dynamic iple). You can also use the meltenedia "sound" feature to play sounds on their machine. Specify the full path to the sound.

The network commands menti allows yea to view their network and share resources. This may prove to be very fun. Share their printer and print out a nice costage telling from how to remove BO (discussed later).

You can also have I'm with processes. (I've "precitiet" to list rounting processes, and "processes" to kill and "processes, respectively. This is spewn new processes, respectively. This is useful, for example, if you have modified some sent of ini files (Ilice anIRC) and you need than to present the program and they will prebably resent it. This program and they will prebably resent it.

One of the more fun features of BO is keystroke logging. This feature will itig all keystrokes in a very convenient manner, including the name of the window where they were typed, into a text file on the person's machine. Use the http server to download view this file. Another convenient way to get passwords is the "passwords. I have found many energyped passwords sitting around in this way, melading passwords to Pripod homepages and PPF accounts.

Finally, you can redirect poets and tie console apps to poets. For example, if this person is maining a 31337 WaReZ TIP SeRvEr, year may want to redirect all connections to pert 21 to pertagon mil, or whitehouse gov. I can only think of one example of tying apps to ports which is included in BO, and that is to the command com so that you have a DOS shell on freit machine, Usually you can just pet it on port 23 (default relief port) which makes it allot estien. I have found, however, that ac-

cessing their machine in this way is extremely slew for some reason.

Other features of BO include modifying the registry, capturing screenshots and movies from attached input devices, and using plag-ins (read included plag-in does for info on how to write them), looking up the machine, and reducting it.

BO and plugins (butiplugs) can be down loaded at:

http://www.cclideadecw.com/teols/

How To Get Rid Of h

According to the ISS Security Alert Advisory made on Angust 6, 80 installs itself by entering itself into the registry. To stop BO from starting every time the machine books, edjt the key at HKEY_LOCAL_MACHINESSOFT WARE/Microsoft/. Windows/Current/ersion/RunServices and look for any suspicious program negative. The length of the BO exe is close to 124,928 bytes, give or take 30 bytes. Erase this entry, and exist the file itself. If possible, format your hard drive and reinstall all OS's and software, as the use of 130 may be part of a larger security breach. The full text of the ISS Advisory can be found at:

Microsoft's Response

http://www.tiss.ngr/s/force/aleas/advise5.3/upl

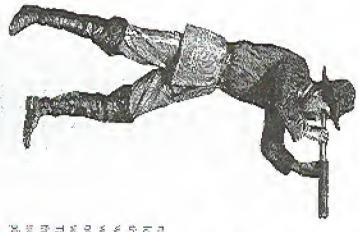
"This is not a tool we should take sectously, or our custement should take seriously..." - Ediptend Muth of Microsoft, so reported by the New York Times.

Well, Microsoft was wrong. There have been an estimated 65,000 downloads of the BO software package, and I unyself have owned over 15 machines using it (I was bored, wonted to look at other people's pr0m...).

on clusion

Back Orifloo is a fun tog, but you must remember hacker ethics while using this tool. Do not put something like "@ocho y | format or" in authexecuted. The purpose of hashing is to loane and county, not to destroy.

Fall 1998



by Armageddon

I told you it neight give away what network Burgal agency and save a for any reason - it doesn't matter because if ■ Sour or amother. It could have been et's just say I decided to investigate a nerwork, something, net, for one rea-

open (that was a givers)." was open on the rate using servers (dub). 100 and 25 on mail:something.net were for 21 was open on a few machines. Force guess what turned up? Busically, part 25 pents 1004. I came back in the morning and sean the subnet and scanned up through was open on almost every machine. Part 53 (http://www.ipswitch.com) on all night to Anyhow, I just left we plug propeak

me. I figured it was either a firewall or the on histel S. something met. It established a TCP connection, but then it disconnected The first thing I did was refrect to port 23

> sons they didn't have to warry about pecthought if they tildn't allow port 22 courses. nection. I found that every port but 23 ther way, that is a buck to work around. So would let me maintain a TCP connection which I was able to maintain my TCP ozerwhat next? I sturted scanning for parts on Talk about lex in security. I figured they low examedions if I was a trusted client. Eireachine I tried to refret to would only al-Vetworks Remote Probins

sendmail, and I remembered that beeked these direct got slantinged in thy fauct telesced to part 15, and 1, it's 8.8.8. Date: (http), 111 (statepe), and 515 (remote login) Anyhaw, the line thing I always think of is 25 (sendrazii), 53 (dns), 79 (feiger), 80 outdated; they grost have just kinda forgorwork were SunOS 5.5.1. Some freebad maportsoan returned ports 7 (echo), 23 (telpes). the one weak link in the chain I needed. A pick on it, because it might have just been luck. So I figured out the theebst machine the i like freebod). I started looking around chines were also on the network (looky for was shipped with a vulnerable version. So ! ten about it or something. So I decided to was version 2.1.% That machine was a little for any exploit I could find without much Anyhow, most of the machines on the netpile legging on. Which is pretty stupid. So I tigate this would be an easy back

served. I believed that it was the secondary So next I locked at port 53, the name

> rling cet. All right, I'm in haviness ins2.somothing.net and of source the outof this before); relisomething.net and didn't appear when I did a trucerouse to and it appears just after the seater. But it all maceroutes pass through that open puter, two name serves were (why didn't I think whois something net and found what the mone server. So then I decided to do a Cisco 7000 reuter (some nice hardware). PIPPOSSORIA exactly the name server was pisced I did a to date. In an attempt to figure out where dated freehold chaphing was us2 somewhat I believed was the accondary demain believe that to be a firewall because almost traceroute was anymama.semedling.net. I On the last two computers where I not 2 something.net. I am gonna bet that that is a tracerdate to at. Then I ran a tracerdate to a name server because its OS wasn't dist up few other computers. The results each Larged 后 cisco-73d

archives for a freebad exploit, and a named puter). Too had it was outside the frewall. would be aiding you in anacking a connot give you the source of the explant; that next shall an the name server. (No, I will So I compiled and ran it. I then got myself a the firewall.) So I searched the sploit servers set up outside of the fitewall. (It's wall, which meant that they had their name explicit come up - talk about rey lucky day. very typical to plut name servers in front of thing net and it tides? pass through the fire-I then can a tracereure to halleone-

computer. I started good old John The Rigper right eway and continued to explore the only good Linuagine of they are turning NBS ed'a facking firewall? name/persword if you can't get in because network because what good is a userloaded it. Eventually I got it back to my compater, that would be staged) and downto some computer on the Internet (nor m) or NSS+. So I esqued the Py comprand back Yes, of course. The master, passed but it's So was there anything of any use to me?

> nerable to an fip houses attack! Hell yeah enonymous top server. So I decided to while as John The Ripper went to town, day cruck that password file. So I writed a long ran the lettle deval; it beamed the straight was running SunOS S.S.I, and it was volcheck it out, and I dound that the machine wall) light years? was on this system which was inside a fire-I just took the first legin I got, and been, i part on the subner. Now all third to do was through the anonymous lip and to a telest So new I went and grabbed that script and and night on the passward file. Then finally Anythora, on one machine I found an

ploit I had a write range of exploits to system significate and run a local root exdo firewall, I could just use any remote shell to get me root. Now that I had passed scrowed. Since I always play it safe, I computers. Or, I could just log into another buffer overliaw and get roct on any of the looked for something I could rule on the diet, keekass, but if it didn't I may leeve been choose from So I had to get root. Would su work? If it

telested over to the freebad 2.2.1 Box, and name/passwords and I was past the firewall ground to screw with and barn! freebad could find another freehol machine fying baim, met shell! thing, run it, waited a few entirates, and so I figured this would be pretty simple. I the (proc filesystem, I got the list of userfip'd the exploit source over, compiled the 2.2.1. This one had a local root exploit in I figured I'd look around and see if I

myself. And I disin't change anything. So i nestical I didn't leave any backdoors for early came for one reason and got what I around to so many machines, but since . ail the recessery logs to hide my purious and got out, it was rather daming to justif clocking programs to down my assi Twiped for what I came for and can those only little should get off seed-free. Anyhow, I searched around the network

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by milition

You may be saying to yourself, "Hack your console? You mean, like my Nintendedth" If you've never heard of it, yes, you can "hack" your console. This is not your traditional "hacking" as far as gotting into systems by cracking passwords, but sather, using your console as it was not meant to be used.

First off, let me start by saying that I think the tigs of convolex is goest, obviously not as goed as computers, but great nonatheless. I also think the games are overprized (\$60 for a game it costs them \$5 to make? Get real....) and many geople agree. There are ways to take your Nontendobl and turn it into the real ultimate fun machine, especially for you programmers our there.

Back-up Devices

You see, these super little inventions called "back-up devices" have been invented for the Nintendon's. And they do, much as the name suggests, back-up genes. You can take a game, and copy the ROM image and SRAM image to a form of media (varies from each back-up device). This is so that if your carridge is damaged or broken, or you sacriferably delete a saved game, you have a ready back-up of such things and den't have to spend money on a new one.

These back-up devices are mainly made in mainland China and are imported to the US or Canada for side. You may also see them mentioned in the back of Nintendo's game mentioned in the back of Nintendo's game mentioned frating that they are tilegal and you will be presecuted if you use one. But, make no mistake, the right to back-up your own electronic information is perfectly legal. Reasons why Nintendo still tries to convince people they're illogal are unknown.

Osher Ges

Here is where the real logal issues come in. If you back-up a rented game, or a friend's Nintendo game and keep the ROM, you are committing piracy. This also applies to those of you who may download ROMs over the internet (many FIP and HTTP sites offer this).

However, yes, it is possible (and very easy) to download or back-up ROMs from thierds and play them for "feet" on seet back-up devices. So, trasically, if you're willing to live with committing a crime (and you'll probably never get caught), you can buy a back-up device and download every game for the Nastandood and play them freely.

Also, and hote is the real good part, you can program for the Nontendoof4 and play the games you've programmed or uplead them to sites on the Internet for others to play. There are many SDXs full of image and object illustries available on the Informer for the Nortendoof4. Such devices similar (almost identical) to the back-up devices are available from Nincondo Inc. for up to \$40,000.

Types of Buck-up Devices

There are basically three mainstream (if you can call them that) back-up devices. I wall go through the remes and descriptions one at a time.

Mr. Backup (264) - This is the back-up device 1 own (and puchably the mast favored) it loads on top of the NintemSof4 in the cartridge siet and has a slot on the side of the device for a cartridge to be inserted. On the right side of the device there is an foreign Zip drive for inserting Zip disks. And finally on the tap of the device there is an LCD display which gives options and shows the ROM contents of the Zip disk.

This device rang off of a 286 SX/40 and has a flashable BIOS chip. It runs off a 5v power supply and also has an option to connect a CD-ROM or SyQuest Spacy drive to the inside, although these have to be powered externally. The Zip draw is connected through regular IDE cables.

Doctor64 (V64) • This is a very good back-up device, although not as very good too 264. It comes with a CD-ROM and loads on the bettern of the Nintendroff (in the EXT slee). Its BIOS diaptays onscreen (also flashable) and has options and also shows the 800M contents of the CD. New, you cannot back-up directly onto the CD, obviously, so you artest connect in via Parallet Port to a compater and the ROM image must be transferred to the hard drive. You can then burn 800Ms to a CD for use This device also supports Audio CD play and VCD (Valeo CD) play. Repently they stand supporting MPEG-L.

CD64 - This device is very similar to the V64, it uses a CD-ROM also and has all the options of the V64 (metuding gazellet port). However this does not support audio CD, VCD, or MINIGH play. Not necessarily a large disadvantage, but a disadvantage ponetheless. This also leads through the borrom of the Nintendo-84.

Where? Hew Much?

These backup devices are widely available over the internet (in fact they're not available much anywhore else). The 25% will run you about \$550 and can be ordered at www.c64.com. The V64 is about \$280 and can be ordered at www.cachud.com. The CD64 will run you about \$180 and is available at www.cd64.com. There are also NES. CameBoy, and Super NES back-up devices available which are smiler to those above except they take 3.5" floppy disks. They are available sleng with some other coefficients of surfaces.

http://surfite/vividbatriet Additional information about all Ni-4

systems is evailable at ware decitors.com. I highly suggest you take a look at dis page for anout afformation before you called. You can also take to many people who over such devices (and stanetimes people from the companies whose) on ERC. Just go to #infations on EFNet.

Ford Notes

atust also upgrade your RAM. grade to 32 magabytes of RAM, All systems games coming out are up to 256 megabit which supports all games. However, new equal to 16 magabyce (megabyte is profitably games this runge about 128 diegabit, you turns sing with 16 megabytes of RAM 128 megabit. Remember, 128 magabit is RAM. The way the NOM is played it is have this ability and if you wish to program your bod drive a maisured by and all sysrheiterm you're acces familiar with, it's what N64 which are 64 megabit, 96 megabit, and Currently these are these stage sizes for the leaded from the media onto system RAM. (32 megubyta) which would require an up-Some additional notes about system

Programming and: you are not limited to 64 magnisht, 95 magnisht, or 128 magnisht Yeur program for the N64 can be way size as long as you have enough RAM to support it.

Ordering notes: all the companies listed above are completely legitimate. However, I have beard of shady companies out there that my to the you off. If would suggest checking the companies out before you of der from them. I have done business with the companies above and have had as problem with service from them.

Once again 18 like to switcher copying genes is filegal but backing up is not. I know many people who have bought force systems for the purpose of copying games and it bits worked perfectly with every game, but this doesn't make it "legal." It's basically your onli whether you want to beak the law or not.

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Ry Phunda Mental

As I'm size most of us know by now, the world is getting to be a scary place. We accepting placed in bondage against our with when there is little or no evidence that anyone (other than the Feds' sense of order) was sometime than the Feds' sense of order) was sometime harmest.

he can also "preve" to our associates that "he that the very same bits that serve as as looks vision a case in which a person is held in nick, a is so sueach of the imagination to enus. A sorry proposition. names, and even sign digital confessions for is as." He can sign digital continues in our foregreent officer obtains the keys to our files, also surve us as identification. If a law enpusy searchs. The problem with this model is destand eryplography merely as a way to lack such a key, and this makes sense when we up-Containly a warrant can be legally obtained for prison for failing to reveal her encryption key. as these enduced by Bentie 8, and Kevin Min-With the latest examples of injustice, such

It is for these reasons that I began looking. for a way to pull one over on Joe Officer. Simply hoping against hope that the government will keep itself away from our keys is probably haring.

sure is applied by collarecment to reveal a pleted works of Shakospasio. A third key to his wife, the other might reveal the comand looking at our programs. They would see the decyption is done in a black best in other that greet theogh because this assumes that meaningful total I don't find this idea to be to tale to inventiseys on the fig. when prenusually carries the added stipulation that user usually called deniable energation. This remains mages give as our scores documents. This is many kegs. One key might reveal a love letter explications file, we can chaose to supply one of where if Joe Officer decisards the key to ear words that law enforcement isn't watching us What we would like to beyout a system

us invent a key for a given plaintext.

calculations appointedly for deniability read text singly appears out of that. No specialized plast received of densatirity. alibi to fall back on belorshand. But before jank chaff. I call this type of system a fousirsis, in the terms we will use, this debuts just probably have a means to extract other data epply a key with a given algorithm, the plainable. In this way, law enforcement sees us endo beforehand what plantfexts will be assulwe consider this registed, let's look at the suntimed" encryption system, that is, we set up an imidely be said to exist to intellate cryptanaly. sets, but any additional data in there can legitto take pisse. The enemy would beew that we Instead of this, I line it predetable to do-

The most obvious way to achieve this is with a pro-cline pad. An OTP has the property that a key can be construed to reveal any possible message of length N from ciphertext (also of length N). To achieve this feat, however, our key also needs to be N bytes in length. This reight be OK for a few bytes been and there that we can remember the pad (key) for, but in this case why not just memorize the platimeset and be done with it?

We can store all of the pads on disk, but not only is this troubbescene to work with, like Office can simply confiscate all of the pads. Even if the pads are encrypted with PGP, he just demands the key to the pads instead of to our secret document.

Occasione pack just aren't going to cut it. Enter Ron Rawst. Rivest, near widely known for his work on the RSA public key algorithm, resently introduced a small paper on a method of data-confidentiality that he calls "witnesswing and chaffing."

The basic wic method is discussed in [RiV98] and is ancally interesting idea. Rewell perposed it as a method of achieving confidentiality without energyption; the plaintext is transactived in the observices Rivest's paper for tow this is done—if the material in this article how this is done—if the material in this article.

is not clear, need Rower's paper to got a clear understanding of the bases of who, and this staff should light into line with you.

For our purposes, what we want to lack as a money the idea of using MACs (Message Authoritication Cades) to separate one strand of data from monther.

When we are going to do to active ever goal of deniable energytion is to use two tools: a strong bash function (H) and a synthetic dipher (C). Of course, we can turn any bash function into a block cipher and rice verse, so we could really do it with are cool, but that is applicable.

We need a passphrase from the user, which gets hashed with HQ like so (the notation gets a little slippery, but slick with the):

 $\forall \leftarrow (cseculosecol Tosen)_{11}$

If $(\text{near_passpinaso}+k) \rightarrow k'$ where + denotes constanguish.

It should be noted here that HQ may be something tike SHA-1 or MD3, but it would be preferable to use a complete MAC system tike HMAC. For our uses been, I delieve that entirely hash functions will suffect flowered since HMAC is available in good crypta filtrings near to RC4 (for our hyterby hyterent and block oiphers after no obvious sdrantages to a stream cipher with just heavy MAC(ing), so all the cools are right tiene for your use HMAC.

But let's get back to the algorithm:

It is the key that we will use for our cipher, and ki is the key that we will use for MACing. For every byte of plaintext that we get, we will also increment a sequence areador (\$50). *** denotes concatenation.

- We grab a byto of plaintext (P)
- 2. Energypt $C(\beta k) \to M$ benarypt P with k yielding M
- MAC: F(M+k+sqn) → M+ Mach M, E and the sequence number together
- 4. Oktput MilMi
- 5. If we have more bytes, got o J.

To decaypt this sraff, we do the following after we get the user's key and set up k and k' as before DQ democs the inverse of CD.

1. Orable black of data, and separate out M and M'

- 2. FI(M+ki1 sgn) → R/Frozeloubite what we think M* should be add call if R*
- If the east M1 number, decrypt M, D(M,k) → P
 Output P
- S. If we have more types, gata I.

To see how this lets us form deribble on cryption, imagine what would happen if Ri and Mi did not match in the decryption populars. We simply diseard that packet and news on Rivest calls this witnessing. Why wouldn't Mi end Ri match? Because Mi was created with a key different from what the user supplied in the decryption process. That packet may very well be meaningful data, it was just energipted with a different key. This allows us to energipt two or more files using the riphertext of each like as chalf for the other cas. An example is in order.

Let's define two decisages that we want to send, the bytes "A" and "B." The keys for A are k=5, k=1 and the keys for B are k=Y and k=2. We start our sequence number at 1.

Let's suppose that our functions II() and C() do the following:

C("A",S) = G - M - A"A", coccypted with $\log S$ (+ "S") yields "G"

 $g_i^{\infty}(GY)^{\infty} = t^{\infty} - M^{-1}$ is back the ciphencext byte above with R^{i} and the sequence number, yielding 2. This is M^{+}

So out first message pecket is "G2" - 60 to the first byte of the second message:

 $C(rB^{+}X) = C + \# rB^{+}$, energiest with key $K(2-rY^{+})$ yields "O"

H(*871") = "8" = M" = # first byte of the second massage, used I for sign

Ciphertost output (acth cusseges merged and unexpolated): G2O8

When we alternot to decrypt the first block of our pressage we have some keys that the user supplied. If the user supplied \$45 and k=T then we will accept G as a valid byte (M) and our calculated R⁴ will match) and we reject O: we have just simpped out the second massage's byte lossing only the first Now we can just pass this byte through IN) which will yield the plain rest, in our case "A." If we supplied the other set of keys (k=Y and k=Z) then we would have stripped out A and the cryptod O and therefore observed B.

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the keys to B, if he wants B we band bim the against Jeo Officen if he wants Λ we hand learn It is easy to see how this can be used

or a meaningful packer. There is no obvious the probet in question is a begue chaf packet deen bytes that would be accepted by the gots difficult very quickly. attack the hash function and the cipher. This more maximizable data exists in the life or if analytical way for an anacker to show whether Ma(Cing) at amdom intervals. If servinized hold up, we insert chaf packets (just some ranpassphrago, as always. Failing this, one most tern is to dictionary attack the user "steadeletics ward" way of attacking the systhe penaltits are just random bytes. The ideal an altaeker wild have no sides, whether or not To council out the mothod and make it all

to the bash function. If the bash function is so from the PBNG and hashing this into each cally strong PRNG and grabbing 128 bits or this possibility. plaintext byte. Koower plaintext statistics can predict how the digest bits change in the real biased, this biss may be able to be used to good amount of new bits gotting turned over passphrase through copietpie hashes and using from a secure PRNG firmits helps to alleviate he used hote. All of this gasy belp an analyst The remaining bits are just those 8 bits for the the changes in those bits are also minuted. hash, the sequence number is incremented, so MAC. This ensures that there is always a this additional data to seed a cryptographic beaking a MAC. Futing 128 new bits to obtain more data from the usur's Another medification to this basic system

get k and k" or a differens manner. If R() is the PRNG into the implementation, it is better to pasphrase. And if you are going to put a But you still have to watch your

> and ki seems secure, but for the few K of study k and k' by seeding R() with RAM needed for a mod PRNG, it seems stilly use as k and k! The prior crethod of getting k H(user_passphrase) and grab to 128 bit (or PRNG and H() is a bash function then we con-250, or whatever you like) blocks from $80\,{
> m fe}_0$

good streams ciphers is widely available, and Source code no strong bash algorithms and deniable encryption is a rather trivial matter. Implemeating programs to do this sort of

ment. Maybe encrypt a few articles from give the wrong key. It is also preferable to add to get your with together and give the right as it requires more keys to be comonibered with an external program. I advise against this should oven need one, but such is the state that way you have that dipheriest, not that you seems muce likely to got encrypted than Ham Physics and a few peen pictures. Such material press purpose of giving up to law enforcediscussed to a "sensitive" nature for the exkey. Accedents happen - you don't want to forcement to reveal a key you may not be able and when under actual pressure from low enwinnessing tools and let the coppe be done se live in. Be pegared. It is sampling to just implement the basic and wall gove you a better althi regarding

code white under the influence. backs, loss of boot, and really sick looking Shouts go to Sayth and Wipolin for good

References and related materials

flytocheory lessmit.edu/pub/lesyptoch/96-t/2nps [RIV98] Chaffing and Wichowing: Confiden Cynthia Owerk, Morri Neir, Raffal Ostrowky, [CAN97] Deniable Encryption, Ran Castotti, http://theory.les.mir.edu/~rivest/chaffing.ts1 tiality without Encryption; Renald L. Rivest

1 HE BACKYARD PHREAKER

small towns, did you ever worder, "Hone, there 5"x10"x3" box on the outside of my house "? must be more usuffollong my phone than the from the dust Look for the Mg telepions, it was on so accessible short, not more than a few feet your (and all the other people in your hotels) Well, right you are However, the beg controlling hood toles for Sour Rectificen the ground This is the neighborn sily has the telephone on it and sticks up a good phones is not behind looked doors. It is usually For those of year who live in the subadds on

reightbook a little suspiceous, so de 41 be a dutte piters. Unless you happen in look a too like a rabo dane with a special wrench, or with needle acts section than an odd staped hole. This can be unrefere thanks your times should have no more prounder look and key, right?" Wrong, Your local their all telecommunication in the engineest be from serve. A modicum of discreedness can 80% servicement, breaking into one of these boxes you hours of dealing with local police officers. Sol So much of bedding possaking is push com-New, one would think, "This bea which can

Puse jucks, poof there goes for Blow's line. Conneighbors' phone connections. Unplug one jack) is present here, forty-fold. These are all your feet right at home. The same kind of setup you have access to this phone line. Chile's play nect your handsel to a pair of terminals, and you have at home (black wire)ted with sometimes a Liest operard it out of curiosay, effect) you will Once the box is open (it was already unlocked

cause havon among your neighbors, and certainly destroy. Small one be so enceived and enach please don't po randomly ruining service for a the sake of people who don't do anything to you make you for less popular with the betala. So, the say, the out all the warsa and man. This would whole district because you can. This system is easy to phreak, but easier to

use as a "safety peo," to ensure Officer (Headly phreaker, become a list of Ready tooks you can used against you. So, for the backgard/soburban wheat their phones systemly go doed. And, if you ere caught, the redial on your handed can be Hawmen, people tené to get a little nervous

down't suddenly demo around the corner.

 Live in use light - They self these at Redio Shack for \$12.00. This is a little box with a light on it - when the light is on, the line is in use. Bo good gill. (Harace) 153 gooder-sized identation device. Makes 2 fore utilizing a random line, check yourself with

the line you phrosised is the number that pops up Should you be caught after the fact, wor't you clips, it's better for you if they each prove any mough laws are so vagine that you extrador practigod, you'd be smart to do all your disting wife t when "redtal" is pressed on your phone? A teste Group. Dial with a some dialor, you play it safe cally be arrested for having a phone and alliquion uses disker, sans redial or memory settings. Aldialor proveds all this. Since the phose only remembers the narabers pressed an Golphone keyfaci like a dumbabit if the last number called on Dist direct - too had so sad you're on your own. Tone dister surboat redict or mamory -

phone. You've have warned they do keep boss, or any microsco distoll a facility your home prieses, first and Surchess - Date hallel first conleaving business cards also helps out. In concluing lates ploves would be a good idea, but not grounds. Secondly, close up after yourself, Webpietberd, your favorite HBS, your men, your nacéad to you še day may! That means don't dial "Holy shift where are my carkeys?" is simply not that means closing the box after yearly done thing in your power to make a seem that way sign, you weren't there, and you should do every year house, your cell phone, your pager, your 3. Common sense - OK, for all you non-go

ment clink, 1880py pareaking. Don't will anyone Acc like a moran and get your ass thrown in the bours of three-plan in your gated contribution stapped, and watch your back, and you can have Keep your bend about you, don't do anylicing

countries the activities trend above, and have for flowed above, Places. Doc You'd with projets. anyone I beam over performed the unit mencompany programs it also do not conduce in enhavior, nor do il promote decentration of attachane I do not, in any way, encourage criminal ha-

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expanding caller id storage

tre charges for having caller ID! Hanne botter spent on something else. Like the expany wants for a 99-call box just might be feet in the mail when you signed up for memory, but the \$59.95 your phone comtiny little 25-call memory Calles-ID box for Caller ID. You want a better hox with more The telephone company sent you dos

Easy... just hack at!

selecting the memory capacity for a gaven conter of the sticker like this: "J4.1" mine. Just read the procedure and I think you will catch on to CIDCO's method of Don't warry if yours is different than compariment, at the extreme lower left scon letter on the slieker inside the ballery hardware. You can find the PC board revifirst wake up. The difference is in the which they proudly display when they the same software, CAI version 4.1. called CIDCO model PA. These units use The two units I'm reviewing are both

Assembly 553, Revision "E" Assembled 1997

later designed out of the precess, however, opoxy to avoid any spillower, ther job was the nearby peds ("D" and "B") with red tory shave who soldered the thing deblocd pacially easy to spot because the poor faccalls, CAI Version 4.1." This jumper is esthe device should wake up and display 199 a slearp execte limite or soldering upon and (Sho's picking up cans in your altey is you ity is 25 calls. Open the solder jumper with side. You don't have to unscrew the PC the battery side of the PC board on the left Yay! When Jumper "C" is closed, the onpacboard from the faceplate and UCD screen. The anemony expecitly gampers are on

> Assembled 1998 Assembly 553, Revision "f"

a cheap soldering iron! right of the big black blob of chip cooxy. whimp exacte knote is more useful here then tween the jacks). The jumper is just to the book for the jumper (4 sectors, one in be-PC board from the faceplate in order to pair of pads, marked "C", and is very bard imused espacieor pad. A very careful and to spat. First, you will have to unserew the above the C 12 capacitor. It books like an The memory expanity jumper is a single

closed when set to 25 call capacity. Open it and things units.... ing. Appearently not many folks bought the (and most program/test) options are missup, and you have 59. The other capacity has like the rev. "E" this jumper is

to go out and order a rest unit now, but any sent on the revision "Fi," so it might be hard we find out by using them? They are prothose program/rost pads for? What could older mit should work.... That reminds me - what the hell are

order from top left: The Revision "E" pais are labeled, in

(enable?) (70sP)

(Ibadi)

(Capacity jumper)

(Capacity jumper for 25 calls)

(Capacity jumper)

(Capacity jumper)

There are some similar pads on the revi-(rasc?)

sion "I" but they are labeled: (margar, open)

Anyone for seme exploration? I have not tried out anything on these (Capacity jumper for 25 cells)

gonipatako sogoo gind

by all Bell Client Companies (BCC). This Com-Lucation Identification (CLTJ) Codes. planing the obestruction of Countries Language (TIRKS), to this decumentation I will be us-Trunks Integrated Seconds Keeping System records of circusts, toucks, and equipment for the mon Lenguage is presently being used to propare Regard and Desails (WDRD) documents. Common Language is used in prepared Work Order Common Language was developed for use

Braiding (XX or N2) (character position 7-8) building. They are made up as follows: of 11 alphanemeries that identify the relephone non-building locations. These codes are made up ing. The CLEI codes are also used to identify the losce or administrative group within the build graphic steal They specify a particular work Jar telephone buildings within a given gen-Europ (955) (character position 9-11) Stary (200) (character postative 5-6) Place (2000) (Sharedon position (-4) The CLUI Codes are used to identify particu-

Gleenching on Non Switching)

New Building Location (ZWN/N) (character Mark nechood

 $X = A \log k_0$, $N = N \sin n n n$ Charlenger Location (MUNNN) (Character

macmonie. An example of one would be DNVR Code The Piaco Code is a 4 character alphapall legality such as a lower, day, or decontrally ping rection might also be referred to as a Place Military locations, Social nations, or major shopfor Depart, Colorator. The Place Code is considered to be a munici-

serving a particular state. Provision is made for Code if applicable. An example of one of these eccepting a Province of Canada Code or a Country would be CD for Caloredo. The State Code is a two character code repos-

Building Code

The Building Code identifies the particular

code, or two degit numerio code. An example ing may be represented by a two character alpha such, then it is by chance, I sweet If the first less to the H is is a building. Ske a CO in Obio or would be XC or \$5. That example thems withing then it record that the building is an ladependent for an the sade happens to be an X, such as X1. building within the geographic and. The hold-Telop Location.

actors. An example of this would be FGA. They are made up of alpha and/or numeric charhroad categories, sweeting and non-switching ing and termination. Entities are assigned to tracment, work group, person, or job (passion which is directly related to pressage and/or date switch An Entity Code specifies any unit or equip-

mneropolic code. Tease are the abbreviations for of idephane equipment other than a building be dropped and a CLUS consisting of a Non-The Non Building Code is 6 5 character lar garup within a building, the finity Code may Building Lacation will indicate a site or position possion Seven. When it isn't decassary in specify a protion-

B = International Boundary Creating Folds

の 中では、「ない」

J = junt 15 MS被 = Mandoles

Q = Radio Locations

S = John Stychon a

X = hadependent Company Non-Building Leonaton

Will Cosmower Locations

U = Miscelfaneour Non Building Locations

places pession I through 6. The Radio Code complicies the order STETEO is Swelles-Such Orbit This re-

Customy Location

stallation, a sustainer located switched services notwork, a customer lesses Central installation. or a location required for Trunk forecasting and A Contenty Location may be a military in-

knowledge Remember, all becatedge is useful. I hope this will help god in your quest for

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by jik

The RESNET (RESidence hall NETwork) is all a single entry, or is a contribution approach to tenseeching dome rowers at universities. The people respectible at each acopus basically get experted not a self-indpulsion, foll sneares and leaver stories, and source up with a pinn for what they want to do not be secured to a contribution of it is an enveronment that is full of possibilities for explanation.

In Jeann why first an disorganized, you have to understand the pullities. RESNET isn't a unified network at all and there are also of egos and posturing involved. Conversaries upon to do their own using soil have a hard time solding onto good people (who can leave and get a lot more training elsewhere in influency once they great. In addition, the people who pay for the equipment (heusing) are usually a separate entity from the networkly regal, both is monatory (neal-sold) and linearcing. The iteratoring issue areals most of the disorganization, along with the initial pomer-plays arregived when RESNET fleet gas regalated.

If the (experienced) network people had their way, things would be tacked drawn group right. That cross country, but it is the busing group's moves. This is usually that has power struggle state of the busing people want something that is shough and incorporative and the networking pour ple went something that is shough and from) experience. After much inflighting, this basically boils down to faving a network infrastructure that can be made seating, but country life is he. If you're in a RESNET that when the reach seating before the conditions as a seathern that creat would have provided accurate of the moto source solutions (whiched some soft the note source solutions (whiched so should notwork ports, for example).

The RESNET goal is to make the user was DESCP to exchipate their IP and force them to register Cermedives an 1 web page. When some-one sends off fan-mad to the president, the poolel responsible want to be able to say that they're ple responsible want to be able to say that they're

made a best effect to be able to hold that RESNET gotsombets serventable (sectional) had on a platter). One important aspect is that they want to locally automate it as much aspegable so they don't have to have that much manifels so they don't have to have that much manifels so they don't have to have that much manifels so they don't have to have the much they find you doing something you shouldn't, they don't want you to set up a local server, and they don't want you to set up a local server, and they don't want you to set up a local server, and they don't want to give you any want to take many later (seen if hey can't beally enforce it is that going in time).

CONTRACTOR SOLD (ween the domes and the bedievene with a new would ocean a high-perfectance NAT device beconnections (Most of them area) too worried some way to say that you can't have incuming would probably write up an ALP that would find hasename. They can do very tode (OHCP does were to spend the missay, to enforce it, which (1000 APPLY SORICE DON SALISM TO SUCCESSES SACT about it but they should probably be with server moon. If they could think of a good reason, they ing a service of convenience. They don't were most address by default) and partend they be offen intervals, and you get a generic repersonations assign you allow one at searchings unpredictable good *NEX backers are source; in medically essomeone setting up another Yalo(4) in their doron signs you as IP address and can be conliqued to operating systems (if they have to help you they like from this slightly biased agreest non-deskrop want you to have secrething they underwand and Using IPHUP has a painbar of good points

DEIGH also provides the side effect that they get your othernet address from your NIC (which is supposed to be a tangue member) tied to an IP address for a time interval, and when you negister it gets tied to the "resident." They you negister it gets tied to the "resident." They you had one destemperson, both for swarply only want one destemperson, both for swarply (typically coursed) and cost (they want you to buy freel's service; if someone sets up a hob in their moon and networks the ground area, they deal't get the money). They would also like to

make people responsible for their port, so what comes through their poets their facil.

apacies, setting up a take root DNS server, and point to the registration served. The trick to to got rian page for anything is jou't sorving. server, where specie drops you into the registerany remote HITTP page gots donored to the adding a few virtual hosts on a *NIX box so that That is often accomplished by subotaging their registration seaver if they barren't signed up the river knowser, and find thanselves sinced as it sa your average passon will boot up, bring up chesses that got served to proregionated NIOs DNS servers, content, whetever, The dynamic adand up with a sexic entry that points to working crippied EP addresses. If you're registered you DITOP server that will serve engylvd see than The usual astup is to done a slightly modified

Know thy enemy! Many of the RESNET sites are using a slightly modified vendon of one package. Visch http://www.in.edu/~mregys/chap.and/ook.

you're not being a squessy wheel. chesp like I than and using the ISC DHCP date to head down, but it is probably a low priedly of by then. The administrator lies a list of addresses ged along for 40 years. You dught to be graduated quietly was benthe worths a new address and beave que's address, the server will work acound you 2.05 lpH1. Character and that if you goals some is a your to assign is in use. If it is, it mades in stons have is to chook and social on IP address it mon. One of the newer features that later ver-RESMET solutions are recover on something TOPAP card of parts open. Most of the ing one of your friends when they have then box to whatever weeks, usually by short densero you to use DECI! You can statusly configure your rity, they can't orded gots your desktop and looks DEFOR Describer by written policy and occur-"spendanted" part 2008/00/19 (as least for diagn Problem (18s thens) #10 You don't have to use

If the release folks had their way, you'd be connected to a VLAN-ready tab that can assign addresses dynamically that had look-out security featness. Plug in with the wrong NIC or more than one NIC, you get drapped and your portlocked down (purhaps exquiting framan intervention for). Hased on what NIC you use, you get per into a crippled VLAN or in working VLAN (depending on if you'de registered). This is a much note secure scenario but it requires seen.

additional help for the rection k tocks, in particular, the switch is rearged easign a particular NIC to a particular VLAN (if their switch can do it at all-smoother equipment case issue). Those are often proprietary protocols, each the vendor warding to sell you their security solution. Too housing folks upod to nix their exturity solution. Too housing folks upod to nix their exturp expense since nobody has proven that their little resident contains are that they won't have this type of security in place yet

Problem (for them) #2: If you're using *NEX on a PC, can get it valid IP address once with OHCR hard-code is and set up NAII, you earlie book up a touch of machines behind yours with nobody being the wiser. They may my to change a front time to mae, but with the way the DIICP specific western you are pastedly well within your (DECP preceded) rights to try to use the same IP address all the way up intell your DHCP lease as preceding the military to a fact IHCP state as preceding the military to the them address all the way up intell your DHCP lease as preceding the military to the try to the military time and the same of a military to the fact rules without any to the letter of admost all their rules without any

Reviews problem smiller and see what there is to most pothing of interest is contained in them. see. You everage follow student prohably isn't psing. If you're not us a switchtid past, grab your money, se elder petaliations are probably ledswin't pay for that. They used to cost a for of switched ports cost money and some people ARR other machines via JFX SAR etc.) Those Sumption (IP addresses on that segment vaalthough they may reveal interesting biss of its Using that son't a broadcast or multiplet, and six post will pressy much stop you from scoug wigh jeu for anti-cavesdropping security. A swinched perts for porthymacics, they're giving them to The percentage gays area't giving you switched tered or not; it is time to see what you can see When you have a wrating connection (regis

If year to a shoot find, you should be able to see all the boal reaffer from your neighbors. If it doesn't have a bridged uplied your (antiledy), four you might be able to see the RESNET back-base traffic as well (off your respherer). Any size that doesn't offer switched pours is at risk for all kinds of stilling/ment on attacks.

One of the bandle of 8.65% of its test you're typically on the campus and test high speed

added expense of the bordeness: quickly, people aren't going to want it for the very quickly. If they don't put a firewall in place like disk space, lends to get filled to expectly wanted to keep book options open, but they're low-performance drewells working in carden switched-10 connections trying to go through it rigs Any the well or other buildenesk is going to they to doing for the students. Dandwidth, much people start hyperg above all the cook litings probably not going to have a fator in place when aren't goesy to like The reroot's folks will have you're going to add cost which the housing Inlike If you get a high-performance freewall or a lot of stick out like a sons foumb when you have soot LANS access can cause some problems for soon-Utility slow WAN situations, high-speed

You may think these non-datistics are obvious, but paper-pastiens are a different breed, espositilly when their memory is involved. This seem perfectly happy to be peopline and for a problem after they get his. Up-food post is everything, and long-term savings don't mean a whole for when you're tiving year-ro-year on a budget. The abvious analogy of standing on the trainreack and getting of their or after the main goes by is readly lost on them.

What book do they have to track you down? Potentially loss. It shally depends on the hard-ware they're using, their competence, and the texts that they're using their competence, and the texts they have available to them. The exists be of information they'll have it your IP address, since anyone who solited will be that sheet days. If it is on the other side of a pourt, your

MAC will be unawatable If you registered with OHCZ, they'll quickly track you down and corn off your yout. They may be take to blocklist your NIC so you can't use of in any port. That would be consequent.

Depending on their mater satury, they if typically know what network segment you're not (host creates and source routes don't work too well in the modern LAN, but you mover know). In your average RESNET, these tend to start out by (a building) and narrow down is required. If you haven't left a primariour town is required, for they're not strict about what MACs are used on any given port, they preny routh have to such you real-toms by looking at ARP entries on the reserved router and bridging tables on the sourcing to find out what part a MAC address is behind.

One of the security eptiens some switches have is the shilly to lock a part or not MAC and those. If you're landing with a those MAC are locked part, the hunt is pedig so be greety short in your favor are conventience (public solves areas, that they can't lock to one MAC) and lock near (if they law) to calonk a part every time of tooks, some human is going to be based out of their mind). A few late night calls saying your port got locked for no good execut might constant so RA that it is more trouble than a reworth.

weel then they espiget away with a foll

Restance see a small problem since they are present learners and will hold once ASP activesses long after they're out of use (101 minutes). Navolves see a little caster since they tend to other facility tables when the port loss link. Do the dirty dead and drop the link. They're going to have a lend time finding act what port the MAC was behind.

Some SNMP ready sweaks our send a "TRAP" to as SNMP management station when a port somes up and down. This is usually dissibled by default since the generates a log of halfie and polifications manages normally don't care about Some of the dwer RESNET sites how for the link up TRAP and then start probing for MAC addresses periodically on that port. This is a pretty good providing ways they might probe are pretty custom since it usually requires someone fairly competent to set it up, so a tutle inside knowledge will work worders. If they only probe once at some time-val after the link comes up, you only have to wait the out and titch send your traffer. If they wait the out and titch send your traffer. If they

probe periodically, you have to use your unregistered MAC in between probes and diep the tink before the root probe (clearing the MAC fably entries for your port).

If you can find someony loolish enough to looke scene (Peroloping software turned no, by all means bounded of their PC and use their MAC. The average field week the ability to track you down and probably won't notice until someone tracks him down.

Switches taske it very hard for network administrators to smill your traffic over if they wanted to. Between that some switches do have the expecially to vero everything on one point our another where a swiffer can be suspeted. If you can take even a swiffer can be suspeted. If you can take even a swiffer some switches also have advantage. Between that some switches also have suitberdictation traps and some keep task of various faithed anothers, so somewhold had been what is going on.

If the network folks got their wish and you he doing. If ACAbased, VLANs, you he probably board. A good one will duke the poor salars it sees a foodign MAC crying to pass traffic. They're also in list more likely to log and timestamp MACAs-part associations, leaving an unwealed trail of breadcrumbs to your door.

If you're not on a switch, faints are gaing to be much hander on anybody trying to study you down, although they have different opique. The bridge tables only say which side of the bridge the MAC is on. Usually you have repeated points an analopses of 12 (other 24, depending on the open of the hardware) said a given MAC might be belief any one of them. They'd have on go down to down or eliminate everyone site and cash you there they'll be able to see propose's traffic. Depending on your network folks, that may on my sort he permitted. Many of them have some kind of privacy policy, although they can pull all the steps out if you're heing a serious pain in the steps out if you're heing a serious pain in the steps out if you're heing a serious pain in the steps out if you're heing a serious pain in the both.

If you end up behind a layer-4 switch, you have all kinds of possibilities. Layer-4 switches are usually made by vendors that wantot so get into the reading type (and markup) has couldn't make it work. They usually only work the IP, but they make couter-like decisions based on what IP address you're using. Where they usually fail is with breadcasts and the decasin they to suspessed to be it. You can get a lot of information leaking

ununter—from hower's to instruct that you wouldn't get in drop the a properly routed environment. DHOP causes he MAC—many vendots to have the so it is deboable if you will lind them in a RESNET environment.

thinking and planning. Doing victual IP addresses on a ▼NIX box so you ing on you having to speed \$50 to get a new one neight explicit seems fundamental flews in their have multiple the answers to a single WAC togher leyers and well look on MWCs but not less window. Most switches again award of the ass someone cise's), that determent goes out the as a significant determent. If you make one up (or MAC without tracking you down, they to count age and typical behavior). If they lack out a sider "national laws" (but 8/0 instead aboutly averandso it too convenient to brain what racy conon make you doo an openeding system that doesn't sons they'd lake you to use Windows or MACs is rity of some point in the fature). One of the cos-6689 to make disconian decisions (and psythe reasons the RESNET folks wast to restrict MAC breed VI. ANS and office MACHINES were you to DHCP and a registered MAC is to make it MACS and/or IPs on the same machine. Once of One last tiding to consider its using multiple

Most N/Cs can handle several different MAC addresses lessily without bothering the CPH (mostly for mutriced support). Given the right device direct, you might be able to said a randomized direct, you might be able to said a randomize generated MAC to your eard (so it with exception) it as itself and process its radiity and bind your "special" appropriates to it. Anyhody bind your "special" appropriates no it. Anyhody bind your sature said as no mattering unusual (no extra bobs, est.). They'd probably laws to track you down real-time and carely you in fact.

It would track the most minds if you use a farewal-type setup for your abducted address and only after traffic on the parts that you are using. If sectionic is trying to track you down, they casy by so ping you (EMP) or use some other well-known parts. This casy to they fast thing they do if they're trying to decide if they can easily you rec'handed online, rather than trying to pake up stale brackmints. If they lefted to your assumed if address and it tells them your PC's name in a bactor line you're not going to fast tou deven if it totally filters and ignores traffic you're not expecting, it should make to nearly impossible for people, it should make to nearly impossible for than to make you neved yourself beyond your MAC earry(s) it the bridge table.



Warning

cirily in the Machanan area. These cops are also using scarcious a local the time. So keep your eyes aport offered near banks, beiklings, and malls, Desage! Espegive decays). It happens mostly mean hope hones of pay as calling dures. Mixed careboard marked (the cress they through, or they were being totaled by cops. ATFeth as well cheeds have governamested in a partial of 1.5 months der surfag, they were doing it wouldermour room, band each at a reputate owner. In turns only, as they were should Attention fellow phrasks and hackers. Four of ne-

banking. We have at unwested to post fillion community incline that the bank of their parties their help in any part policy and the polytopic and an exchange and the service rolligan trought or two. One of these might be the 1200 Peningar you should keep your brails open to an in-Locy aka Baudewiser

Store Section

Theat 2690.

back..." Serely you are, I hope, referring to the recent them down because they show like the pictures in a rights against peighbothood convex who ery to shull "We lead Georgiasmes & Noble) completely in defer On page 5 of your 15th asset it reads, and I goove:

> effed in from of a content for the amazonichi of a rew equivally basing light rights of an underdeveloped, helphose child to like an freedom of ciglics so I logic you are recognizing the sick individuals. You and your magazine stand the doubt those children pictored would sensent (i) rap-Here also enough to protectly temp positive and forto you would prefer not to be used, abused, miseratorwhich posterophy protests of Barbos & Noble, July and explosed as "Ocception & punks," I

Resident identifies by Joseph Songer which display endings by incline a committee, more for consider people that and in finite or a series of distriction decrease the two condiare observed, difference, was robbe Abeliana and The Associates Femaly Association) and 163 suggested equipment what Mgr 195 is true. Co find the banks and much your two state, after all trianspare to though the entire procomparable prosps affects on the Family and the The continuously covers by a right of a comparing by total midden executing the facts first. He strongly about risk der mes it fleiste werdt entre seil eitik paraegrapier his family have people they has a become day in

Dear 2550:

with the about Office Man. Best Buy in 1911, I've decoded to give a linde of my own After meeting the articles that were written about

Like Best Buy, the climate percents for the state are

2600 Magazine

distribution Suits as and than the in-some computer will change everyformulations of the state and sent to each more's compan-

1963 fieldow the same pattern Reswords for Office Max in store computers opi

ripping some

the store entropy found on any business card or receipt Just about acycling can be changed by those terms: Passagal: Conn., octores, priemarana where non-ig

治がある日日

rais located throughout the store. Prices, label destrip-This modules we have used to you'ly code on the and the Abreval all the telephone jacks at Office Max sectional uses by incored on a 175 under the phone that slides out. sums. 59 gives you the interested 2-digit extensions are ON PROBLEM tions, how many labels to paint, spellit, CPC's, ec-Economy, the same computers are against form techap The telephones of Office Massars affines always the

"Even Bener Still," agarding the EVS in Box Buy (ESCS). Mistage was not enemally content with his place have had experience with Recopy Management Systems which would apply to most of the larger stores that use I'm aut not have over been a hockeriphreak but I

SOUTH OF STORY utilities and connelectly for convenience and effects These systems are used permanify to reduce costs of

Side of all hours, publish temperatures, moderal districts outabove in selection segmenting for deplight easings, story factures and are usually programmed for a year or units. They have buttony back-ups in rase of yester sensing devoces used to Hodulate highling the hower and is totally arill-directing recept for various local The EMS is a Programmatic Congoler, or PC

they are doing. The usual programming and maintaswittings when necessary, and happefully dray brow when open the door to the EMS PC and opening everified stane special conscion fosed management am also puers but are programmed removely, or adjusted for occasionally by some sens that who wants to improve ment is done by qualities beginning or angineers, or The ends are and controlled fixed a remote con-

INSTANCE UND every suggester's LEAS SAT specifications in its file for retaining plants scenestical. Their home conguter has pla who would reorganis the SC to us offginal parents. semesting was secrep, they medited the cortice perif up occasion as soon as someone in the state realized Www.Edult coasts a disaster of the did attempt to look

play with it instead of his peak noom. Frankly, I Clink Gut if Mounts had a brain to would

400PX

Dear Joseph

This is regarding directionals talled on Batchinga's

cally Perbage's employer or a maintain wage a line eathing illegal object it, as long as you delete in Basis back. They also be you check out all gaming consoles Babbago's and they do it'l employees shark our any soft and games (i.e., Saystation, etc.). They plains there is ware in the state. They then asked it when you bring it employee software electrons policy (16.2) it existed for

BALL N

Car 2000;

Consolinations has the composate, who ends up absorb though this does occasionally pose a problem (when the nems that are theoled per or reciped as defective. All tail you should be also thus that these stores do repackage stoce, as long as it is required within 48 hours and in a Online and Stark raffy, but these products are usually reproduct rask a unique of-lost, access, gardes like tilitime schable condinon. As I am a Babbage's erapleyee, I dae THE RESERVE WAS THE PROPERTY OF THE PROPERTY O ers softward in shock and describe softwarp to the to expense to Greythere's letter in your his igno-

store's data line used for gening climate instructions

that's bullsha and most people who work at Baldrage's whatever obserges said "you can"t napy CD's payways people are so seed about things that aren't wrapped. To dition that we need to shruck-weap it says vay, our most med software snipped to us is seen in such a poor condoing so is grounds for technication. To sell the teath my store) scate destate apthrosocrapy notice expired, and coltrabre are at fault as the check-out rands (at less) in work there for the "benefits," I know my manages does In serious of Sagality, the employees wire copy that

Dear 2000

me to just make a copy of the first disk. game software would write the user's name to the disk and christs amp the bas, to look just like new. We called as our companies after they were brought back But an outre then one excession my district manager told extend approach to charte out the intended occurre At the time we would have the product to the back soon. menent's allowed to copy disks policave the software in bater jub of selling the produce. Policy costed that we home for a week and "geneoknow at so we could do a Battes & Kirbby allowed employees to take sufficient and Software Dr., were owned by our good thends ar closed in 'So. Company policy (at the time Bulblages Single. North Coacte and washed there up shill the store member. I stanted work at a Software lifet in 194 in It are been company policy for as long as I own to

time, copying the servence and then transpose the proof inspulse ma. Tary type-and chose people were taking delice the saids on the in-start dense congaders. act back for a full refued. What they really needed to do ingreace of designers who bought software back ar an advantage of the retting policy that was its place at the you watch the employees. They even expire software Software for seemed to get the joiling off of keep-

Dear 2600:

has wroting to be yield know about the letter from Construct in issue 15/2. Yet this as that I would be become when worked for Electronic Deutings, who used to do the same thing Engleyous were allowed to take gather home to "text." That way they could full potential instrument how the gather so Orientze, you were supposed to delete the partie when you were some Textdotality, 18 the far more show you were supposed to delete the partie when you were supposed to delete the partie when you were supposed to the far more even you getting a virus than home, "described on by stone employees."

Pinclated!

Dear 2690.

I god need the letter foot, your 1502 issue from Grayhans should Suffware Do, employees being defend take to sell at \$40 piece. I was best friends with the Suffware Do, demonstrate I was best friends with a Suffware Do, demonstrate I was best friends with a Suffware Do, demonstrate while. He could take out pome from the recovery week periods, pethoding that the policy had enough engine left at the store for the country. When he recovered them, they weekly shrinks when the pitalite back around the box and sell in an "dew" Suffware Do, and Electropics Dougque sufface with the period of pethodology anyway, so there is no need to become an employee to take advertigate of the "Resource" program, As for so I know they residenced.

entropic
Wall is dish hasks long for our reading to uniform
this greating, which seems to be widely income in the
refluence training, that larger proof of the hyperrop
the refluence policy and reading.

Dear 2600.

Thank you for publishing the latter to the editor of the "Reinhouse Manage Nes" (15:1), where if eleven necessiments the website www.booksellarunian.org There is a Barrey & Webbe employee working at my local college booksites who has logally ground beformation in his break mean regarding employees" rights what has been northwesty depend show by his managem beforeign letters to the editor late this in year magazine provides important aurent support to done poor workers who have to thre with riguistics everyday. These yours according to grant help.

Doin 2690

2 really don't understand the flavingtion with our (Somes & Noble) databases, but I can tell you, you've to for a long, dulf time meeting around with them. Betters the, as an inciding liknew.

One thing you gues should know there was no conpromovable memo organizing you gays at any lasted. I'm in a such a position that, were those see. I'v know, I' think you spoke to a rought of quathetia-looking-form, their part-timen when you writing this phanton memoteritages more informed, and matched success would be bester relificable in the fators.

2600 Magazine

Fall 1998

FOR 1998

My fellow beoketters and I awart the latest 2600 expressibly, and we would never just unit the copies for prity crossage. We gart a kid out of the favoration with sty and the university of the favoration with sty and the university of "top" you're did favol be lieve, from "employees". That whate "13 settlen" processed A did All the "XI, All" mail's Assistable on any taketipt what you pershaps a time, gapen, coffee, or food. And as the apertury into wealth and numbers going through the pricage receipt the latest and custom by the region of all the things pricage assist the latest and custom by the region of and the second death, extend the same passes from a local at cult better not expensely the control of principal closest, ass. for me, I'll whose you it's no big deat.

Totales for all the flet And, by the way: seesa! Borders use conquisers, use?

Tails almost severing us so the competition.

Help Needed

Upper 26899;

I was wondering if you could seed are the Nibblegraphy for the critice "A Brief Hydroy of Postal Backleg" from LST. Jam very Interested to repairwising this held more. Thanks

West Outumbia, SC

Just git in pour local pass office and set for nour information of they say that doe? Know what you re subling arises, in means come back in another when the supervisor list to around and such age to. You may have to aris of the image before pair advance to the age.

Identity Problems

Doi: 1666:

Page a modele leader I sim 14. I am ago demate. On 18C, in the backing channels, I constantly ger packed on. Tags still one the "Formele Lames" I have done moding no them to make them think this, I don't sit there and long short propositioned my tags like they do. They are just sends pieces of sich who think they rule the world of computers. They pick on me horsasse. I ask questions, And horsasse I am firmals, May I ask what is so had about a question? In school, they tell you to ask questions from you get shanced for it and you to ask questions. Here you get shanced for it and solded a lames on the net? This is not fair, bettern verything I can do so make them see that because I'm younget, less informed, and Jamaie they have no right to pick ou my?

94

Sagisserie

Some your mode no lett than four rejections to your person, we made no lett than four rejections to your person, we made also have a part of your feltering, we have in observable feltering to be used in a superior of the sea of the national your warm and spice green or many from sea for whitever you warm and spice green of many from the part open need to work you first something that we have some

Mitmick Feedback

(hear 266d)

About Kevin Mynnick belog out off from tectural cigo in the Englis I maps, what can someword except a begin mater whether I is should be feet by the experiment of the winth in. They must have something they don't some based to the public or they would be let has look at the midden, by give him yould set has been keeping something they had been beging something they had been beging something the limited Keeping sometime for so they without a until is inhumant and a well-count like course national rights! her weaped to be belowed.

Philiphi

Pear 1000;

There put my Tittle Keeper service to good now \$0.000 cars a day will set or whole they work at this real followingway Hore about a "Rest Placement of They Keeper Stelland" manight

Prheetable

Count when South has planted

Orar 2600.

The common you put inside the first treat from Make finishing (1) we such the compagn in the saver of 15 that show they was people who don't like hackers realize from backet up the government's case worked. Minish is:

Cotombus Off

iffer in found this to be true just about entitled and the several in the poolse.

Dear 2600

Tast off, allow manus scending complements as always on an excellent, informative magazine. However, we
it religiously for several years ages and have both four
smooth at the consequential formation. Information of the consequent
Sphallost at the consequential go on right condensor
useds. The Kerrin Kristick courage is, the repson I'm
writing this tener herbraid you with find fing closel for
\$100 for the Kerrin Kristick Despail Defines Yands.
Kerrin springs has been the mane depthstability, branchy of
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the first own heard of the first to step in and do
the first own heard of the first to see the first depths, we are just giving
the junctification on paramised in 1000 as of memory of our
freedoms at lithe at a time.

With the about the pleased to hear the my with, a college instructor, is time a register moder of inter analyzeite
about in that, who instituted that it can obtain more arrange
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the Kevin patents and living 3, and more ally size
the Kevin patents and the near that read Review
and and size was aimply stronged that such a shing pould
be allowed to happen to America. From that day on, she
was a rehement market, we are both ching our part to

S. and 2600 in general

Thursday from the send from Kening

Sulco, OH

officere everyone who will listen above Neven, Bernie

Dear 2600;

Excelbent readily and ergoting 26% for a number of power and land to say you've starting to see and an authoritie to be a few governments by or in so actual or 1 keep receiving a late of "power recital to a land by surprise pickin" on an poor introduct backers. Don't day surprise pickin "on an poor introduct backers. Don't day surprise was the good page?" One male backers if you good page?" One male backers in the good page?" One male backers in a keep and you the surprise and on where, and you the surprise distinction between the late and distinction, have lost the distinction between the late.

But data own your and day, that hadeps pleased is the model seried, some a verious and dampiness risk as business seried, some a verious and dampiness risk as business, gray and you included. Note magazine, the dampiness at posterial appears then a visual special, then they of information mayagine. Whate we're standing on the (the political agrees of the mag), the information year is appeared, when "poor impossit" the factorist of year in dampine clock. I not the post sector based of the political sector of the hade the proposed that he had all that creat used information, i.e., I have, jet's a good any had never use a for only purposed. Undirectly imprisoned no wind, une, can you say wheated goodle, beyound pittle? On to that not being mentioned for a tra-

The fact of the matter is. Keep noticed as a better like got factor under war scapid and its got gought duals have the gottle is played, if you don't have the rate, don't state. Then goted backers are the uncoryon deverables.

Firstly, the we really come what the media or general public crimics? Your attempts to "subsease" people about the righteeths cause of the law-ling termountly a giving to be stell formershall as long as them some Krytin Mediglic to the stell formershall as long as them some Krytin Mediglic to the stell formershall as long as them some Krytin Mediglic to the stell formershall as being as them to "rag" stell in system, the first that are stell once to the proof type on And of the stell purposed to spring "those to this beauty the stelling district of your recently the 10° by the Schrift in the stelling district of your recently the stelling the stelling district of the stelli

This magazine, one magazine, in supposed to be about the first, open, and hence exchange in fack-armston and Secure experience sopphies (art); get back to what paid to be seal and inforce, expense, and instruction your readers. If we wagned same are the good weaks of Securi attancies, we'll go up obtacle.

Malker (I suggest year se seem bear got not year out of me) of the boundary of the seem means of the seem of the s

We say to be have a find so that we have going to the section of t

the though a would have been an early may be get free first paragraph at the start we fire applies, the New that not one of those random was over used by blin. Pork These words have look take a common columns." any. Active is made which But by exempering reason the South dad a myly and family a polytical de did it the fact मकार्य के रहत है जिसके हैं से लेखित रहताहि का केरल में जिस्से हैं अही। up with copies. We also i know onlyingly who wouldn't to get threshoot, purious riversands, of people wound The a region was famed as standard describing it was eggy fact. The reported on its estimate a full our mouths in-AND THE PROPERTY OF THE PARTY O

to portalization to the academic time ar who from gautier bill pargula? Affect possible agenda wall people also visual ones and large areasets of many Jose jehove malik. For skip he dekerher soven privan dage auralines like capping numbles files and malting a few that all of the receiving charges against this are for an Kinese was targeted - when we are only operation - and opposited it above to take another trought parties to see that his punch officer when given mounts have proper the money and yet to be a ferior of all? For you appoint to place? For associating with a known John who know ide question condice, who see the national manying is the food weeklight doese diese very anoth fan Kován it floestoor. So autor and date societies your round analogy but it errotes d'il a country. Tubusg quit phone son des le leis auce sales for an incharging with bottole 1921 along his accompanies in a made manage more elemental. The was forestly the only may Kenn model communicate In the same or resulting committing traggists me all than has a remarked gody is there candon to purper Smoked serving that commonly like any postdate this as the editional to their devices of the edition of the state of the state of the edition of the ed mancherical pieces cath. Phis calineral him to be exye for beforeign small him is the both your and

THE STATE ASSURE ASSURED And Jast 1966, 30 tenesary and ball 1964 1967 year.

the so chars and a planta of the ration (on the sem) uends a pain jub so n's getting a Free Kevic custom job meny bumper stations as I can get. My merong-tie Face Keelin ratios. Sixth you will be pening by welfar for icte carmigla bio it dweet) mei yet). I'm aleo peting d spined one to do a few things I seed of a collection for we times such as the case of Kovin. Seeing the web site in who are willing to slide up for each other is desperatformation. Secondly I take to you that there are those First I would like to thank 2600 for their years of its

> openions. The one stong we all have in common is the with all heart of transportants who hade all hinds of

DOT TOTAL OF CHILDREN You do reading they one day Kenne with the first and Call Of Dist

Dear 2600:

found grifty" I'm surprised therefore people scon't outand hadding community which, frackly, corpores no. pasts, some of which suggested that he incremal he is: As I was peoplying on usered, I found several satisfacem You know, Kovia doesn't leve the support of the on-

> stary the entire six miles. Well that) my five coals story while steep two autoorfeitenes are using the remed. Pil suggest him 100 persons until 26% televage. shop the Anti-Kerin opinion. As let us Kevin's open Keon? Well, he has yet to make a single nights off this could be alrestified as the equivalenced ranketours meet menty off of this one indiffers. These two bestards now, since the marks to contrary out, word or their facrigid it have mart be his been exploited. Minnerang and Minkolf, both who have written backs on the subject, have made benefieds of the spands in populties and

elementations, we will have much to so eight woul thereties recovered as commoditive, the life the may visit with after his expressionages 25% as the next letter (5%) the in ment consupped well after that we of the an

is a bank peopley for it. remains a colore, you do it with the knowledge that there from the fact, and he is getting what he paked for if you him bad Bonom line. Nevic Mymick is a folion who go frank White I agree, you should not be in prison for Three years withour rold, they have a reason notice goest he was contextiting 25 counts of computer and ware has be so nice, be might have thought about the when got more time. While the conditions of his release tray must seelly egypt just, seeing as he knowledging things to an enough to step heading the lew! Keein Window princes and a communication on the wher trime, never wasing ode he treated if they have. It violated people, 2 revisited he ich beits cassal feigly How "fait" should some grand the Surro, should you will "Free Keyin" Secause he is still a criminal. He got caught doing something it. three these in just White he may but be desired fairly researd an understanding: Keep Medick is legal, albeid a white policy unique. If it was bennietid, on Those of the article Chicago ages, 2000 meeting have

of people. We organize the uniderly and we doe house hither to go around suping a represents as more group do that! Our meetings are comprised of different payou дили приму приму верей в редел под приму при установ по-Let's pushe one thing allow, floring audited to when

fing ance seen served as fair the state statement for disciple, for more distilled open, with multimater that de-I'd Monte such our ne shee olonge alone. Then now her war envene), fisherable andier minor yet de skerinal a serve real penaltian. He resighted of expensions in leave of preceding really is and four to danage that curved салайы дан метерел де (предлейден ек мер периру) changen against Kirdh (ded thay are thirtin ween jour contrate in conveyed for process and at the time temperated east feets to be improved for four years appare jar met to pair senience. So sow much time de jar bounds of a soul by Analing Kerne goodly. Groom John proving solving. There is already sound as the time and denire to physe blow matern is no open as sincerous Prevailed Signal Your owen an equate title nuttien around with the control of the way, take a great free of red to

> problems. Peut and he may be into them you suggested to philess the polar? The year scheduler polyth found all of the area punkt handang. Majaba saya anga japasasiya dan wakey is an entire extent. The peem to believe that energy printed mostly about rechaology he was sold he wast I calculate স্কুলার প্রত্যা প্রকৃতির স্কুল্প করি স্কুল্প করি স্কুল্প বিশ্ব বিশ্ব স্কুল্প স্কুল্প স্কুল্প স্কুল্প স্কুল্প স Every instance of not books, every restance of evermany could have, and ringely toping so varyly his on Assert life, working was little and standing when he can steady curry our a promise our a "Gente" promby the same a region was supply that a region of the same supply to way free and enamying to she it by leaving a relationsh liagriffien, erweity dag year comming free (or a critical William even arms charged with as you so, reservey where Apples Sing removed for rather enters reducing the was ing and ampliance only of locality or it. Whim you in a allocate never the nesteeps) for we have intendibility (for sign and by the case he finally got sentenced he had gally may be could be sunfibuous in they dead some of Call. mountain regressing to price to these exercision was not passouring definish MANA Suck in 1995 psychrosophinosop transfers for a transfer training and a rest without

Church People

these "we" rather locate) since the complete hacker symplecthicut; my skills are not expertly of the less). gal various commals when that keep what we are stall, boung portraged to that less needs, juvenile detaigneeds sould less them do theo year. Weeking got a burnings Rivin toyones is that you should "do unso others as you cell, see t which is an upwarranted about One ching the pointed by your chains of words (hersted assuming, racted of the Summer 1995 usual But I was disap-Exhaut disped when I saw my church's home page

praisignam exectate on the FOC web page. Not exelare coal people? They go to your site and see a season straight. Durings how can i acquire chemithal hagages false Serentypes where harders, it by to see them believe Laster, when geople in my obtach buy into the willing to break the bee to perpendice this micropresenfrom someone who is not exert a noticed thank year no a mestipresectation about what my church is all acouscount and set risk to judgment about other gamps on Dirly myligrasi by the media. But you post on your way So I would expect the backer community to be job

the public image of the Bucker community. chards members who might editorwise be per of the growing public support base to fire Kenin and improve of "It to appearing the downside to that it of lends 92,000has that when 2000 provides him a stump in the island he words to express less opinion about to that's the busy Limitary instrained a Sections of my charch, seed if

Amendment; and who distances big povernment. Any of cival foods and has a group belief in the Second schools for their children, who has accumulated surlevel of financial givery to a Christian issue, who home belief in the Bible and the Second Corong of Christ, who frequently arreads Balls studies; who has a high Tablet Bette vaye. The author is east who has a strong

> moce that the [of these] would there is to look at this Considering quality is person as a catest but personly 9200, 50 Mission Interpret, 526 94) atrod Csd qualified for government impriemance" (June) person as a rereat, and his family as being in a risk ging

Managagas and So, fellow cubite, do we hang sugether are do see

TOWN TAKEOR

complicit which deal for the accord, we've because no of Chardy addict. It yes be bodyng to obserganous like your church in chy the hell and and finally, a word and digners is appropriate to the property of the second probability of growing about Seen or and the ways of a railing it, your or you would notice people who doe t dust also it is not near start So, it now also it toget, a supp due of the foreigness the description of the first three this tree. the graph of too he have diving some an over the graphs modeling about of limeters. If we work to proper goings were john ir the mac passes wire harbed powerine. Tiegrif no have regarded the fact their derit and on our web ing letter? It word has And our enough the other former The who seem to believe the the physics who propped proper that actions are in that may, then by population are the algorithm of factors for the property of the state of the stat מלים לכני הלונו אסי על במחיקה. לנה למין כם יתובליבה ולנות ing " fil die considerary wur oberch wie onweking neit is Менаменер? Вдо насёльку колові в Актин

Dear 2590;

MEGRICE. AND OF THE PARTY OF BUT NOT LEKE THE TASK TO LIKE HACKENG AND ALL THE PROGRAMMES CHOUSE TO REFEREN ABOUT YOUR ACCIONS SHALL SEALES SHE ROSE HERWINDEN YOU BE SONS ARE NOTHING YOU TAKE TO KNOW DIFFURE CENT BUT WITHOUT THE COMPUTERS 100. AND JUSTIC YOU THINK THAT YOU ARE NOTICELL HOME BUGE WITH SPEAKS AROUT SEACH ANSWED WERK SITCHID BOU HACKED A SAMP HOW STUPPO CAN BE A HURCAN BEFING LANCE II DATESARD DATE

\$17.00E

what however it going to be filled with read

Generic Feedback

information on "how to piss people off" and "how to make an accide of yourself". Briggess most containly phins that you kind that your own Cukin of Onley by publishing " is mean sortion which;" which provides hole of himself these not need they interruption on Sew to make an act My letter is an response to "Reserves," who core-

has right to freedom of expression, but he wants you to a medium where information is facely discussed and people can force their own opinions. Believes translated Birk letters take this, at above your are not a Said to provide Estly that you are true to your enode. When you gub

2600 Magazine

fall 1998

gar verses in id/Sumation we have. That is with social ingredients and individuals we pave. The most choices see these, the maps feached who easy to express could over our lives always title? The more information we have, the more choices

you This is how the game is played. If you charke to with me wall I we fice to got the tay differentiate to step actly mine. You are show to use your information to fack pay this. In a free spalety I partite agolded your settions. fermacion from your magazine, of any other source, who yes may end up the backet. play, he goes you know what you are pening this, other-As the chose who are so "fook with people" using in

Shippie the Ageless Hipph

power and incodedge is up to them. up litigation he would everyably that himself is forest of ill Busindo's ded had working his "values" the desirence sin state. It always methods the revenued to "avoid the ap-Although the addical code values slightly from view to ing a selector, whatever their veration or proportion these assumptions about you, and you should exold do pay he is unadrical. You don't take it when people to the ply this mails. Since I doubt you act, ally know Tuxado toracys then the namy hard working honest propin who dia exercion, you are more likely to hear about bad asdog't, Just as if a the "bod" hackers who get all the owfor attempty that some attempts fellow and others hackers tellow and others don't, there are edical cules geomytique" dest as there as a "hacker offic" that some of stating in response to other letters, "you made a mishas proved his values along to you? As you are so food Like harkers, how one chooses to use their newfound and exam don't change people, they empoteer these echood and a bar exam behind them. These three years ess tawyers me just people with three years of his rights of amorneys in a way they wen't findted for eth type of soliciting is postabled. Imming the free specific has to inform them of the possibility of a lawshit. This agents i per unde la compacta posessal chora as Timosho his local accompy disciplinary based. Is fact, it would be would include wrong it gravity by promothes hipping personed of impropriety, a case all providen that face tines, suspension, or in serious pages disbardent hound to Salte wtheir ethical code, and these who don't hackers to court. Celtice besters, lewyers are legally Sheet are lawyers who back and bowyers who defend Mastly (When you have seemed that since he's an exerjayyari işi bab azoy wenzi ol sesa ikili. Qesge bi dileyeşi section you respond to "Toxock, Nowk V" supposition of a In your Spring 198 issue on page 12 of the letters

mend you visit life Magazine at hits Swelenine within and hand out Thanks for puring our a great time; I've where you'll find true stories of anothers, the good, each been reading for your and hope to do so for many more for more on anomeys who don't suck, I moom-

In this case, the writer reads a point of buriet, their

justice was a largue and that he should go out and PRINCES NO. ing them along. Our remark could then be considered things, he doesn't seem in investigation protest to passe comprehens. If Dad their have good rather on much per current is aimed at one surses, for all bracers gar shelf (dee, the solves parent) down work place and threaten to see in mounts. Contractly, yither's where they

Dear 2509.

第17日の chan your whiches are top quality. I especially liked densight Real Addres I would first like to shork you for "Hacking The Virtual Peril (14.4) - it was most exacting that Off The Mark to be equally enteresting. You are the the ballion, free information that you give and I think Since then I have also been belonding to Coll the Ober as a desuit was pole or purchase 2600 for the first time. sort of people the hading community really and to I mountly visited America (I am from the UK) and

gross they would be act where

So when does in do? Well, after you're in you're

in the upper right norsess the West, With Warth, but I not on the back of the machine. I we period by swin them by social engineering. Even bases, semestres it's area gains is used by the stone's ID number which you can get Great, you sak, but now what? Well, through a limbe to

vestigation, I've feathed that the password for the ma-

up a comprehensed keyped that asks you for a gossword generi (asseming there's to plante there). This bridge

failed the Create-8-Card management program.

squareçõis

Urar 2600

the great info you pays provide. I think everyone should respective. I'll bet they're not so theme related to use It care subservice to such a constitutionally controlled exists, and so that makes 2600 a sellect and they would sempore besides them happens to know that your may their personal library life like they get each became wheely my opinion which to sock suponer asokers? I call you gays solious should exercise some nemicon grow deserve it. All these super-circ hacking gods who so whome for people to stake some money? I obside you to be the least our commercial. And so what if it is? In it I be goon need and moved founds any tiling about your marg cannabe, but I like needing it. I've onjoyed every used your case. Maybe reading 2000 makes me a known one of the mindless knowings who shall our matters for every sew issue. I gress I'm ignocet of the fact that I'm just don't redice the was of contractation packet into is to compare America and became pendy. Maybe I why are you having financial positions? salt on your wounds, but if you pays are such selected. tave the right to stear opinion, but some on Not'to pour mag, but a goeth in our finit these morous' definition of may be one of the mandless learnings who made your sellout is about as sugal as seguining the more heard, but yenur - if you don't like a, don't read in Colling 2000 s "velting out" is the stags popularity extending beyond The boundeding your may for a white now and I global med have missed the big switch when you pays gave Cart so furbig sick of this "willing out" building

WASHINE. eran in Arealmed and what control and area control area and area areas areas and area areas area 江南 经有效的证明 有用的形式 医多种性 经营 使变形

Dear 2690;

which congressed on a way to buck the Create-A-Card The writing in response to take's letter in 15.2

Kerici and base despite.

and charge the excelstand formula of the raiding ranks

The previousities are contrast flow about a filter

changing the beyond of a card. You could actually go in options range from principg a tool rand to my favorite shown a menu that kicks like 6 VB contented bullets

This is the top ment to the management subsystem. The

close services (the borner, the houses) was on the facts It was fun. I will menerat "Face Kovin" again and then two on the right of the of her then, and one on benearing Albertay General Janes Bean after a few seconds of piece, Knowing that, I found four "Steen's" hidden on he hades his daughter's name. Nine, thoughout his bor below as name. The number is the amount of times manor All Burschfeld, who signs all his work with a newsee, I not cot the apparential signal "Fire Xesia" with a Elean 2500: number 4 below, a tobute to Mile Rev Teles diversion of the Your suggestion makes the hopey. On your listed by Keen

Digital for manying has no managed in sure of each managed in sure of each managed in these than 20 MAN 24

Dian 260%:

admiss should be property, based on the which in out? ing is well. Suche of the nerro both captorers and down by a citaly component subministrator the even a 1152), it gives the that there are a value, of ways terms I'm gare there are a variety of condicids I'm mass neclaristy competent due de de chite problem. Since someone delig, to the author described could be intribut The per involved in administering or security. NT sys-As I was reading to Newbie Guelo to NT 450

長年の15年の日からの後 charging this mane, the 12th 10's easy to do if you have Egged for connections. He interior was made of I) NT has a workstation name, which I believe in

thangeable, at least nor without algorithmat digging into parts of the system and often explored except by kernel 10 20 ASSERT TO THE THE THE SECTION TO THE THE THE THE

no hack the software. Here's how I do it. While the see of taying to get in the machine if it's out of paper to tay types of surfa, teach the lower right hand corner of the office to numbers the process statems for the different aughines. What was described was an interacting way the publishers with using early versions of Ghest to dunamed managing since deplicating them was one of its Gless. These adealifiers are used in some inter-system. plicate NT systems

cally? dynamically unignal Distribusional on, the DIICP teast tray never explore - that would make good for hooking before its OHCP texts has expired, the and if a personally adequately system (like a hydep) in station over that you manufact the same of all changed in close to a year, despite being (throughearthing even earlier Poly office system's 12 address has same of eddress will be used in the system is usually 3) Minet editings networks are probably using DECE

number. Even in they boson't they may be able to kee rear reliating DESP Season. DRCP served deleating attempts of ananymity that inwhich IP address is assigned to which 8450 at the wair addless) and associated it with the agrop's smooth state possibility that they've togged the MAC (best 4) If the college provided the Inplop's NIO, thank a

empli liberal arts college companes. use the manged People technically because enough to about the system he's on to could be than the system many average college student probably deesn't know escupit demise what submitteed someone is an and thinkly hack into systems are relatively non, particularly on known to be lecturally expulse - remember that your down to a single public mean sight only one person agraphs down their physical location, possible even commone with source to the swittings may be able to de-Othernal "subnate" with switches consensing them, STACK CONTRACTOR SOURCE OF TANAL SHOUL

they disk be used to locate a person white the broak-his house, of an educinistrator who is exert of such break tos evidence of symmetric breaking into a syntom, in the With the control of these are unitary to initiating a much

ple, and the anonymity at the GS level down? always couply answey only at the hardware level. OS five Windows (any of them) means that you take offices are both ideas/fable and not that by that's per-So, just as a carriedes - keep at wind that teing a P.O.

Opar 2600:

therby at least as wishful as 2000; (Sorry, but I would god size magazines; wase are seen they can't sell much 19then you have the capital to spend as an experi others just don't know where so got them. Even house man Bookstores and other displayers hade to display di display soything that selfs - except magazines this not because of any bias reward hasking (a displayor will than hapten. I can premier you had it 2000 in having testi ing 2000 in large formed and make Header Open cover an ideas to seem to be able to hart a large former that have made it vince the 75% have all been large for get displayed (betwand draw), the new SS magazines "digost vice" SE output the still survive (basely) and do eace fragen field knows this problem; well. While three Sundy Agost) but because of its "digost size." The solmodels getting displayed in booksparestelsewhere, it's that begin by francopy of 2000 and, which is he-

2600 Magazine

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Foll 1998

body ned the word "Hacker" on the Summer St coter and it's what sold not.) Dener yet, get the conglorment that every year (right) to purchase a sold it's sold of the supported did by a purchase a sold it's sold of the purchase and sold it's sold of the purchase and sold it's sold of the sold o

Clarifications

Dian 2680:

query in the commend line with the AF shrw_with causing a system to each up as a believed of poor backsteadless's chaosing, and a squeaky stean armidians. and the vicests with a o'th greenph, a volume label of the ome, named within To comple, the command line mangher, one might spit to answer the solume label when the output from DOHO is piped to a program that the grains to hear up when the DOS former unity drive There are, however, a few faings to note about the SCHON PORMATION APPROPRIATION will exceed have prompts the over for more that one response Since gradupts for a volume tabel. This sort of thing happens Exert eds described. The above supposed like will cause A) 'U > No U woold spiling in formal bis "Giend's" hard protestion, the command free ECHO YI FORMAT O ing x BBS With DOS." in US I, in the absence of virus with the was in the St. on one constant with the state.

Another tring to bette in the since most PC users from miposidate Windows95%, the treat constraint will usually yield help more than so "however INGS Warsion" makes you The bester of his to find the regarding soft size. The second of his to find the regarding soft would be to use the UHSS difference exist undity. Its expensions of the amount of space that will be reached for the new rise, if the output life is created alread of time, it may also hard women breefit to give the fact that its the

One the thing, Misellich law traditionally brain during from the board sear entity these trade access don't all way for on the board search from the provides of smoking hand drives well known Chair security, has been broken, the search mothods can just a search to used to change a stock MS upskep system to easily to used to change a stock MS upskep system to be provided services antonometricon. The local control system attractionated from who just resized that have related in priorities. The your marginated that have related in priorities of the your marginal fact.

Desc 2690:

Cathode Ray

In cappense to Met-Fickigh's pricity on stimulates in 14-4, 151 like to say that it was vely usated information expectably since exflicte resulty makes me iff in deep larger fleat, say, your awange 12 or, sold 1 was increasing, flowerse, frag pinceng was based as corp fraggrand in adapter usated. As accessed whose basily produces exerging that the accessing towards to access the produces exerging that the poor resulters insult those of its write oracles. Say, Mat-Schapt, that access exerging who is said to define the first that it is the produce exercise.

by the 10ea of growing broasts. Sents of to sireally have them

080

Dear 2660:

Some of the code got changed off the and of the page is except?) about the middly of the page, in page 44 of 182 and to reciden be used gots contaminately and of a while; hop these views are

ö

Dear 2669:

The article "basens of hy baspar (18.2) contilled a najor assuring globelers, sociate a witnes to a file in fing (empt patch) and blandly follows synthetic A mornal open multi-create a synthetic from any file to lead position and when sections its stanted the program would mornishe the file. This equid terror destination of vital system Casa efficiency bringing the system to a basis.

Asyone who eightes to have the "spoudity" that secience gladinate provide whould have to the utilizations. Gain provided by their operating system.

Î

Dear 2600:

In the article "Maps on Military Phonics" employeds and 4 of 151, there was a title, partitions at the part that faced DNS numbers. All of the numbers fished in Mississippi (MS), the wheeling is the sissippi (MS), the St. Lucia is establic a small, iterecass from in Magsissippi, not a small itemenass from in Mississippi.

of the Wa

No. Surjupa yet our feather and the pride of brounds you in andre when store you live in.

Dear 2606;

your who giver gove the information to who there it tiers to change such above said, then the group or radiinterpretational springs from the OCK (Optical Obt). the mapage and can through was printed exactly that separated by a group, group C gatting late. Due with public news Greedest or newspaper greenen where came from who cases describedies promes such as a contain security sethinque to find out what message so they were not the same as the original message. If (15:1) and pottering the words stack together. I hope that irreducity), and the deficience did not now any mediother Recognized software program (Cambridge Proeth ... If this procedure was raised more the original or of the j character in lower race and the 4 in appearance. two spaces of between, group O pering year flor with while group if gets the memo with the words have byte A year the memory with the world, banethor stack regarder the angular tense would be shown. For excepts, group you don't knew already, to study words troubles is a you guys iyos, including Senath apparachable send sories After reading Serar's found metro. "Not a Secret."

In the water "terratory hold" has either probably had a taking on, or as doing investigating even further. This tryle and teachings cours from worsh slick, to write line speed, to off indeposition, so began gaugesplate, to be job. The key is to make the same joint appear some what Maller, but different enough in ideality the "mode." Also, this technique is performed to weed out the mode in a high exemity situation concerning taken.

(ZRAXXX

Wall Love to Mill.

Dear Joses:

I had to write is to point out the programs miggintensors, tameness in Wildo's "Citil Fluxes" which in your Spangissus:

1. GGI is not inhomely "thesel" because it takes to the server side. It isn't practical or desirable to transmit large, idebture to the other so that rivey can be processed on history insoftner. Now many search regime delyed innove the search server side applicational. 2. In the falter to series, what's "copy?" White on UNIX. not DUS - ory op...

3. What are all the corp." ("In feet) Expectance no ed Sect other than expensing extra Spring.

4 Why does the files it surports the real is with to a general 377 Short row will be discounted graity float it the synthetic uses it. Let something. The surpost should say "le S"."

5. The Soke is went be executed if the speedure has "expendent in his partit in would have no come before that and health. If the speedure has " in his SPATH and indocurations four he array stupid indeed. This is the first concentration to protecting percedit and your spanning from your users. Besides, this addition health has needing to be with COH.

6. Prode sign to make sounding perfect before you pull the soid gag. Not very flexible. Why not page sometimes call connectable binary? That way you can change competite binary to do a basever you want.

7. SCID does includ work in surple on manythose UNIXes, but not with cah - toy so or lists. On some UNIXes you used to use something lists "ethicyth op" to have the system passance die effective UID.

The "Setting Cly Unix Trappleses" article in the same likes weaknutch turne son-brack, though there's variety state glyding problem. All of the "Ps's should be "Ses's! Otherwise you're widong out interactions, deprined out if and infrastr, this will no doubt blow the system out of the waters not very discount.

Also, he fin no astem attend to search in a Na search for a Na search for a Na search for a Na search for search and a retain date in the terminal to false diff is also unreliable as you'd need to be diffing eather before peoples of the smill progress which the backer will have found and medified if he's weet? Its sain Theiribes, it's best as company theges and castly just the false of the search for a search for weither, And don't call the eather them to the retain which is not a search for the false of the search for the false of the false of

Dear 2003

Particle (Stream, organization of the control of th

I contacted the author and he says he typed things

right, and findshot tim fast a remoder to your editors and actions I generalize the very different than 1900. The taste scholling a 2000-top findshot focus of Princetol Remoder 2000-top findshot focus on the associated the in the eld contract oppose these shall be associated the findshot you don't want to do that. Using we preced with all and you don't want to do that. Using we preced with all

Building.

Their year of extracted their forces and almost a force of the contract and

on everyoling them entered.

course append those hares to their respecting they with

Dear 2660;

Variable settle in 15.1 titles "ANI 7 - the advancers" concernes", to uncomess about five thereps.

 ANACS using ANT (have been in extracted by it white. Over a year now, defaulty. So they been it been "popping up" as various suggested. On the same unit, ANT is not ANAC. Some in additionate.

 The cell leads askd are put kineck lesses, they are plantack latter. "Coartie" is not a Greek letter (as read off by the dead \$50-555 a.N.A.C.;

 The ANTH(digres are need acceptant the number and diet only on ANNA's that are re-med by MCH.

4) The list he provide is not every Zhowe ANI II state, 1% every passonic aNI II state (The should have read the dame thing lists.)

5) The 01 ends that there is unanally grant operation assumed cell. The 01 discuss that there is unanally grant married on that has the proveres colling. For exemple, you are an accordant to the proveres colling. For exemple, you are an accordant of the discussion and man says "AMI combined will of the information and man says "AMI combined C,C,C,L,4,S,3,4,0,3,7,6". For improving COXXII bears in remarked colling bears in a cords model by a record at particular accordance on their PSAy found if you have AMI colling as the order of their provincial of the model of their provincial of the model of their provincial of the model of their provincial of their provincial of the model of their provincial of their provincial of the model of their provincial of their

On additional tops, white more of the 33000s have compact giving you a district after one side the gard, which was side to the side that work and the factors of the control of the Control of the Fugber of the Control of the Control

letters continued on page 48

Fall 1998

BLOCKBUSTER VIDEO

why by dividing this article into two parts. sold enjoyees. This are't good. I'll explain now the norm as no franchises are being ration, I can honestly say that things at the time they get botton Corporate stores are local video since are going to get stored befrunchise that was beught out by the corpoearshet of your house. A been for nearly, a now. By the time you read this. Viscom will curse for many as well. Having worked at a have steek a Blockbaster store within by Hiemlich VonScooterreaus the 53rd. The corporate invasion is well underway.

which type has to put up with less reduced. selves. That being said, it's premy obvious colporation and they do all that stoff thempredict. A ecoporate stone is owned by the movice, distribute pay abacks, and resp the the Schmoe, and be would buy all the litanchias Blockbuster would be owned by the corporation that awas the name. So, a instables as a stone owned independently of OK, for those of you who don't know, a

for for us, the scorned few. with an account that seems take. All the hermention, however, is what to do if presented brainwashing. One of the things they didn't low to breathe, and now to eat. Big time modiately forced to watch some dried-up film star tell as new to deal with mobories, lies to prevent theft, how to exit the store. that once my stone was bought, we were in-Speaking as an employee, I can tell you

belond the counter (who makes minimum count number were 25800115770, the loser ber and use that. So, if I ware to say my acmovie. They sak for your eart, or, looking wage, by the way) would type that member in Also, you can quote off your account much the earth ask you for your driver's Boonse. Here's how Blockbuster rents you a

> away their Junch meacy in second grade, pay count number of the guy who used to take they could give the counter person the acof the MST3K movie, and a copy of Breat run in, grab a copy of Mount Bank 30, a copy and see all try info. So, if one were to say, tion than when they went in readal fees, and have a bigger movie collec-

the cert? but that usually only happens when sucrecond loses their wallet. rigged to say "Check the ID of whoover used are pirtails to thus, as some accounts out be check ID if you present them with a mentprinted and threws out, get it isminsted (or and find a menibership could that was misthrough the dumpster behend Blockbuster beachip bard or a quantitaship number. There and use it. At no time does Blockbaster just recoverize the number on it), come back Alternately, one could feasibly, with

mas store by the way. This works at both frenchises and corpo-

did it, they just take my wand. ask for the dollar back, a fearables store has gold, they use these little pards to some in disnoway of knowing whether or not factually opunds if I return a red-obvered movie and occiponate stores. At a française, for exam-But, as I said, some things won't work at

day before on the tape. The tape was so startook film back to show him coming in the whether or not be realed sounthing, so we tide, a customer was blokering about brand new these things are unusable. One the back. Each one reports 24 hours of acthe got his money back, and a free cental to icky audinostical, we couldn't see a rhing, so have three meants worth of videntapes in segunde franchises that their video serveiltititiy. These are normal capes!!! Hab! Exec rity too. I can say from experiencing two lance systems are complete wastes. They A fixed take is a lot more fax about soon-

> the case, lets meve en to are tougher to ger money out of That heing between exponne and franchise: franchises Which brings one to the next diffusioned

Corporate Stores

want, just blich and moan and complain. give in and spalegize profusely. No kidding chough scene, a corporate store will always could walk in and have \$100 worth of late the customer, whatever he or she wents. You you can got out of late fees as much as you foos on your account, and it you make a big A corporate store has one goal: give you,

shopliflers to goth anything without a magwere trained on the checkout, leaving monitoring system, even if the only estmens appraisal, we get a cop of the line video more bread on security carriers. When we Comporate stores, however, spond a lot

computers! Assezing but tree. they actually keep track of them on their discounts. They don't just band them out, Corporate stores also keep track of their

ask? Well, my friend, this is where it gots poorer, but S Piaystation games in the clean bass, wait 10 seconds, and leave 15 bucks tell them the account number of my eld that's right, I can go to Dailes temestow, tem that keeps them constantly licked to tricky. The good thing about the computers every other Blockbuster in the world. Yeah, Air if cools is that Blockbuster aims some freaky sys-And what about their computers, you

to do cap to members from other store's accould take (1 off, but company golicy is not new stone can do about it. On sure, they tee from another store, there is dick-all a less you pass and mean.) If you have a late that you ear,'t got away from late fees, (Un-The downside of this system, however, is

you that they can on IVC's using an indepenthemselves are an enights to me, as I'm not particularly adopt at edd systems. I can tell The Blockbuster acceptator systems

> away their passwords, if you can believe during a boring night, all the employees gave wouldn't know the difference between DOS deat operating system, so there's no dropber is relatively easy. where behind the sources, so getting a num generally kept on a last with names someword and number. Ob, account numbers are thing useful unless you got a manager's passthat. Smarti, Booger, Tritunic, stuff like that when it comes to passwords. At my store, and Willdesia so they're generally morans you do get a shot, by simple passwords where the computers are easily accessible. If can work at it, but I have yet to find a stoce things you such the last five digits of an empang to a C prompt. To log into one of these Once in the system you really can't do any. Most people who work at Blockbuster playee's account amobat and thair password The peaswoods are over four lotters, so you

of the item that says "credit." It asks for witcived in. prices of new mexics and games, respecfor of 3.66 or 5.24 as these are the rental Note bere, what you type in should be a facof refered types course up. That the number count up, with no beliance. I hit F6 and a last should be refund. So, let's say I got my acers along the top that say what the Hikeys do; thus, the gooden behind the desk oright gat in. Now, i type in the amount I want back manager's number and pass) and Laype thom F10 goes to the check-on window, F6 it think crawles could'd etc. etc. So here you need to secesa, including balance due, number of Bingo, you've got the account on your manuger's recovers and pessword. You'd see tively. If the amount is something other than idating number and passwood (your scalen it's F6, but most keyboards have ideat stoklook at the keyboard. Fit I clears the account. a membership card on just type in the whole a posmpt. All you have to do as orther sear to III digit acquire number and his column. OK, tech say one has managed to get a

have on the subject for nave. Bingo, you're all set. That's about all I

fall 1998

House tone

management computers. nothing else. The ATM's use a LAN (Local duces a ticker that says "TEST" on it and eard reader. They come with a test card is available in 30 major cities and serves Area Necwork) to connect to the theater's which when slipped in and palled out prothe tobby of all decators it services. Each Boston area and 777-FILM in New York it their web page. Known as 333-FIDM in the ets with year credit card via the phone of ATM has its own CPU, screen, printer, and company that left you purchase movie tick-12,000 screens. MovieFone has ATM's an MovieFene (MOFN) is a publicly maded

ply onlying tickers. Moveefore has many uses beyond sinc-

persect will ID you. the tickets via MovieFene and no box office Ringled movies if you are under aged, Buy One of the most obvious is getting into

rier even with the correct expiration date. blocked from making eads through the cer-Distance Currier), the card would be tried specietking like this on an LJDC (Long anoach until you got the right one. If you via MovieFone by advancing month by but no experation date. Samply duck it out be helpful if you find a number somewhere guires the proper expiration date. This can credit card publish, but indwadzys it retion date so you could use a generated MovieFone used to accept any expira-

computers, tickets for MovieFone can also the ATMS are on the LAN of the theater's input of the card number. However since reader and has no options that allees manual magnetic strip on the card via the card MavieFene ATM's require the use of the terminals do allow anancel entry of the card be picked up at the box office where those So you got a card number but no care?

> still get my tickets?" One would think that card at home but I have the number, can but they never are - it happens so often. the box office people weeks be suspicious number. All you have to say is "I left my

selling coursesy or discount tickets at full box office are identical to tickets purchased ets. The employee then punches up these number to again purchase four more tickgood as you can cell back using the same tion limit MovieFone has installed is rethem pocketing the cash it is safer than tackets while in the box office and sells break they order tickets using stolen credit price us Movielione tockets printed at the eard numbers. The four tecket per transactheir shall an the box office or while on fice eachiers for getting outra each. Before This technique can be used by box of

cashiers are not supposed to give cash rethe ATM's they are procted differently and office because when you get the tickets via wanks if you get the tickets from the hox fends for those. But you can still tickets for face value in each. This only Anybody else could also refund the

of tickets. No MovieFone or theater comon their management station which will management will check your card mumber chine says your order is not found. The to wait for the confirmation) but the madon't get tickets don't realize that they have ager or somebody who can beln you Exthey don't come out ask to speak to a manto your friends. Then you go back to the show that you were charged for X emount plain have you ordered tickets and weited ATM to "try" and get your tickets. When for the confirmation (most people who der and piek up tiekees which you then gove Using your own card it is possible to on

> that you can join your friends already to the up or not. Only the time the theater received potenis abloso tell if the tackets were picked wallk you and enother group of friends in so manne of the movie is recorded. They will chases, your credit and pumber, and the your actor, branther and type of trakets pure

scarcines back up to three inporths (itefaultits the one they use to see if your card has been tions" then click on "Credit Caré Managa-The ether or second selection on the credit billed. You excer the eard number and n ment". The first selection on this surgen is main menu you chek on "Baily Opera-14 days) and lists the tickets you bought Theater Management System. From the Sonyilloaws theaters they use the Prism eredit card numbers. For instance, at all credit card numbers used. During a busy seckendużzy you could pull pp 500 or mare The management's station keeps a lies of

> print to second or printer. Prints prets 36 card gard management screen well give you a first sereon it sometimes says "Error" but just numbers on each page. When going to this enation previously listed with an option to Blok OX of all codd card numbers and other infor-

perform other managerial tasks.) used MovieSeare in your life. (You can also call 800-745-0008 to change showheres en know what this charge is as you have never piokad up the tickers or that you want to 745-0609. Tell there you never went and can cell Marieffore for a refind at 800-Even after you use your own card you

this should gave you a busic rides of some of Fone, like using It as a DTMP Decoder but There are many other uses for Movie-

web gage at http://web18.movielink.com/ info@moviefbaseapen or obsek out their For more information from them entail

write for 2600! Live the high life,

stand to benefit in the following ways: the populace and educating your follow hankers, you Apart from helping to get the hanker perspective out to

- be used toward back (ssues as well) + A year of 2660 for every article we print (this can
- A 2500 cashirt for every article we print
- more articles) A voice mail account for regualar writers (two or
- and files so that your privacy is greatly increased; 2600 Editorial Dept. Send your articles to: (2600, com uses encryption for both login sessions An account on 2600, com for acquiar writers

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by informagnet

Well, Radio Shack's firmly in bed with Compay. This ends, for at least a while, their selling computers I have some respect for. This article should clarify why I say this.

and having bought one, I are still very machines up with pretty decent security. happy with the "seantlessness" of the softpretty computer sawy. IBM had set these door," even be didn't know it, and Torn's he could pull jumpers. If there was a "backthe password, I was procted the next day by and when I abused this trust by changing to SE the password, (default was "northin") see anything but IBM's excellent demo was "side trips" allowed. The only way I could would just go straight to its dome with no couldn't even get to the desktop with a hitmachines safe from types like myself. I computers, there were actual working IBM to take the cover off of the machine so that the amusting sight of the manager preparing the-peaker-switch cold boot; the machine tection was at least good enough to keep the protected to prevent meschief, and the proiomor to play with. These were presword Aprivas out there on the counter for the eds-While Rasio Shack was selling IBM

With the invasion of Radio Shack by Compaq, things have changed to a hillatious degree. My local Shack has three Compaq models on "display." Acrually what one encounters is three empty cases with the keyboard, monitor, and mouse connected to an actually operating computer locked inside the podium the display dummies at on. This arrangement is for security. There is a "hard and fast" policy against letting even favorice customers know the password, so this has got to be much more secure, right? Well, after 15 mirrates or so of simply.

counted as an extra "character," just click at least for the Shack. think this is a nationwide default password on the action yet want to do on the menu. don't hat enter after typing this in, as this is trying this, those caps are important, and the passworig "RS2C9X" Remember, when down all three machines in a few minutes, call store one evening and was able to strut was hanging out "beloing" close up the lein a command edgewise." But it works, I if you miss it, just my again, le's a maker of tently work was to click on "elick to learn," on Home. The procedure I found to consiswhen you are several steps in and then elick tions window white it changes from one is responsive to keystrekes for a very small thing you want it seems that the computer common knowledge! I found that there's a going to be overjoyed to have this become shut by changing the password. Compaq is that even the most parameter manager can't enthesisting the guy there enough to tell me getting the machine busy and then "getting transparent! You have to move quickly and flaky process, sometimes you'll see the task ing this time, hit Control-Ese and you'll get as the game starts, clicking on Home. Dursurround sound demo, then the game, then ways use the highest one), then going to the then on one of the computer models (I abdemo subprogram to another, especially get to the task bar, and from there do anybur and the game screen both, each sort of the task har for just a marneys, It's sort of a flew in the demo that makes it possible to nying random shiff, I found a buckidom

How does this "side does" work? My theory is promising a these new Compaques are all Pentium II machines. As fisky as the programming of these may be, besically they can est multitasking for breakfast. When I am gotting into the task har and

minia of just a few years ago. multiprocessing capabilaties rivaling superwill be possible to get into before admins retasking abilities if they had them at all really learn how to secure a PC system with chines that were rough weaker to their multend to have out their teeth on DOS maof computers coming out now and a weakuseful when you are getting glowered at go back to the demo! This can actually be keep injuring keystrokes, the machine will running the demo also. In fact, if you don't There's a good chance that a lot of things ness in people administering them, who points out a strength of the new generation What makes this "peamisting?" Well, this DOS prompt, the machine is multitasking,

course, you can run two demic program may want to experiment with effects. Of timuth" for "attenue" and so on. Or, you erry, remember? Keep in mind that humon makes it sound like my favorite band, BBN that's an effect! I must admit, the top-end of them both, and they will not be in Space processes at once. You will hear the audio is the weapon of choice. There are HTML jerks with no sense of humor, are the enthen are full of real jerks, Jerks, especially Imagine how some grumpy old Radie model's sound is impressive, and this Wowwwww, weerd echoooco.... Now from a fittle creative spelling like "antraining files in there that clearly benefit by coel people like my local one. Some of edge? Well, not all Radio Shacks are staffed So, what do you do with this knowl-

Shack manager's artifude will improve after this type of musical enlightenment! I didn't get around to trying more than two demo programs running at order, but I'm sure you can run several.... Between the flaws in the domo software and what I see as a general flakiness of the muchines themselves, much entertainment and experimentation is possible. Even after Compagigets the idea face's semething wrong with the demo and gets semething more secure out into the field, there's the basic instability of these budget-built machines.

I have noticed that CostCo has these Compage too, but wasn't able to get any experimentation in the last time I was there because the one there was locked up solid, and I mean catatonic.

is the little yellow thing that looks like a car backward in the computers they offer and it's a leidown to see them take a step Radio Shack products has improved a lot, pacitor), in general, I think the quality of I've seen (remember, redbowers, the orystal aler is the most experimenter-friendly one they are worth being on good terms with able to get you just about any barlery, and Shack is a good source of batteries, being vorice Compaq - they are run to look at The ing and testing files on whatever is the faeasily factor into passwords, as with any employee numbers. These of course men Trashing there can yield store number and Their latest 65-721 programmable tone dilarge corporation. There are employed train-Some general tips on Radio Shack

Want to send something to 2600 and make sure it's private? PGP it!

-----BEGIN POP PUBLIC XEY BLOCK---

Version: 2.8

mQCNA1sAvogAAAEEAKDyM:RGmirxG463AsIxskKpCP71vUPRR2VXptIo3+Jr10+9 2GFwNP73TgJXho5a8c3J8hstYCowzsI168nRORB4J8Rwd+tMz518KeKi9Lz15W1R hLNJfm8v3jrHd8+QBeo3794wUWCyEpogzavu/OUthWLb6UOPC2srXlHoedr1AAUR 1BZ16W1hbnVlbER3ZMxstnNmtrWhtmVz

----END PAR PUBLIC KEY BLOCK----

EPUNKING COMMUNICATIONS MONITOPING

by TEL Egodzilla

The powerful marriage of computers and radio communications coeased a new child of the 21st century: proched radio systéms. Trunked sadio communications alternaticulousers to all available champels/frequencies through a series of user programmed commels. Commentional radios traditionally limit user access to their assigned channel grouping (channel to separate), channel 2 or repeater 2, exc.) whereas trenking affects full implementation of all available channels/ frequencies at any given memoral while yet allowing full system programming. Note how the term "trunking" is used - it's from (you gressed it) telephone trunking.

In turnising, "railignoups" (groups of stadies programmed to speak to one enother) are the norm. Individual radios are programmed via a typical PC (usually a laptop to allow the sace of portability). Each turnised radio holds a computer chip allowing for a "personality" programming. Groups of radios can be pregrammed by creating "profiles" - usually in minutes - and rapidly duplicated or, if need be, individually hallowd. System nears thus better compley the number of channel sets their overall system corplays. In many instances, a typical transfer system can carry over 3,000 user-specific talkgroups allowing for several hundred radios to be assigned to each individunal talkgroups.

Unanked communications employs precision comparer control, enhancing system officiency. Duraking controls re-when and for how long each user can talk as well as the priority each user possesses. "Duraping" or "crearing" is far less likely to occur on a trucked radio system than any other and waiting right is dramatically reduced. Users are "queued" and stored in memory. Users with higher priorities are enabled to be put on the air quicker shan others (based upon how the radios are programmed) while details the priorities are programmed.

economications (depending upon the model of the system) functions on background op-

Tranking also allows a system ownseer to not off a (or several) radio (c), should littling become lost or stelen. When recovering a transed ratio, cajog it while you can it gates ally doesn't take long for that radio to become a useless paperweight with the flick of a remate switch at the System Controller.

Security is enhanced. Digital broiking systems enable full digital economications, output in against eavesdropping. Depending upon the make - Motorola and Ericson are the two top contendate IEE Johnson also makes a conventional trunked system, but they're having problems with their design) - there are different approaches and points convention.

Motorola: Swartnet and Astro

stick with their pagess). Agencies using as so defined by transled communications retioning. There have been a growing number of Uniden Bearcat BC235XLT (handhold) or ers). Some recommended models are the quirements, a true trucked system (which not is juick; a recent State of Hawasi court rule localities who had their Smartner systems trunked spenied (also known as muck tinck-Signature can be readily breached via a typical goes to show that when buying Meterola, ing slipshated that Merepola's Smartnet is not Smarriso and Astro - are worlds agreet. Since Iripged and and replaced. Smartner system in question is actually func-BC895XLT have scatter) - assuming that the Meteoria's two primary trunked systems -

Astro is a trugher out, but see too many organizations use this system as Astro is expensive and is non-compartmentalized, in other words, when you buy an Astro, you gotta buy everything at one time. Unless an organization has a couple of million to

spand every that it needs to opgrade at expand, this is not an economically viable sysratio obtain.

Enicsson: ERACS

you got ElbaCS. C-130 (via parachore, of course) and ready to by U.S. forces as EDACS is truly military ral Access Concumunications System) is used one need not buy an entirely new system when he deployed on complex. SDACS can size be space, designed to be lossed out the back of a todygrands. FIDACS has been used in Hoseita bane, and is currently used by Beris Yelesin's as well as the U.S. Navy's Charier Strike one that if keep out the weindook, got an Erics. good, reliable system for a decest price and readily enhanced for specific parts or services Foreign ship-to- ship communications backby the Secret Service Presidential Bedyguard san EDACS groom, EDACS (Enhanced Digit Ericason systems are choice; if you want a

Eriesser systems use AEGIS encryption. Forget about trying to crack AEGIS; it's NSA (National Security Agency) cated and unless you got heavy from with massive power and tance on your hands (and I mean four of time), you sin't gother each it's period. It's not surprising that the feds are always assigned at least one radio to keep their hand in the action, no matter how senal or ansignificant the locality's maked radio system as Decit waste you time - it's not enough to obtain the algorithm as AEGIS as folly digital and unless you have full physical access to the System Controller, you can't listen in.

Tranked radio systems dedicate one frequency out of their tatal set for the source channel; this control channel constantly transmits each and every transmittenfectiver's even unique pregramout, thus including out enyone from "stopping" on the frequency set if you'll get de time into the control etament, all you'll get us a rapid sleeigehormer round effect and quite possibly a busied speaker (and headache) if you have your volume up two load. Accessing it wou'll do you any good.

All is not last, however, as energied ra-

as \$150 on up - if nor cheaper. Mole sure of a \$2,000 apiece; most private and poblic conrand on the pracker of journ choice. trackets can be readily purchased for as little Scanner Wheld at 518,456 9609). Trunked ries of linguistry directories for selected all, public information. Other frequency refrequencies that are being used - this to, after contacting the SOC and obtaining a listing of you first need to know the frequency and that dies are not cheap - they usually polifer about пре Девановий, вет Лем жулу то приску пит то статportions of the United States (sontablipeling sources to consider are the Pocket Guide so the system is using. This can be achieved by menicaring trunked systems, remember that play trunk treaters with no problem. When communications - allowing listeners to emries, therefore, use the regular uncorrypted

Some systems will defeat the trank tracker, however, by setting up a "teil" - the end of the continuousations breachest - to hang a second or two longer; this confuses the tracker and makes it head to listen in on the arrion. Many radio managers duelt do this lond of thing as this, however, would involve presentee and intelligence on the part of managery a radio system. As with thest historical structures, radio controllers total to be availed on the basis of obodience and interaction.

Oritings (read: relephone), oil refinerios, aurports, polico, fine, and paranoid private/public security forces are among the primary users of treaked systems. Tranking enables system dayloyers to request a minimal number of frequencies which, shrough the enlightened victim of our FCC, offer coats a fear of money or requires a transcribed systems which paperties a transcribed systems which paperties are also conventional trunking systems which paperties do regular reduces systems; a typical trunk tracker can, however, handle these with no problem.

In an appearing Saste, I'll discuss more about selected aspects of trunked communities tions. Radio ecomomications carry a lot of information, and marked systems are the coming serve!

letters continued from page 39

ANJ IL ocdes are "00". cording you and thill it to your number," so long as the mused. As add as it may seem, this phone over allowed inforcational cubb, and country direct (genetics) will donly take diales. On, and the mountquest ease's negree me without any problems, and without my leady test number in 212 (from 201, mind you), and it can handes belieful die troe, but to my sugarite, I desied a surged that it was the COCOTS false like "I make the ANAYC hang up, at thesed me so a dial cone. As first has

ing. It made me laugh for an hour. Keep up the good And filtramerously enjoyed the article about phack-

MMX KIR

Curious

ENER 2000:

Acceptate Tell or the NSA just shot your may down? If you're used it's threat' to maioreal security, I would and raid your plane, gine shows. imagine that the Santagon would send our a SWAT team. arenic communications, but I have a question. Why thing, from Exciting Back Buy to enacting Protegoto elecis affect of them. Thekers now know how to do everythe government and I have no doubt that the government I have no doubt that backers are being targeted by

Total Advantaged had of things danger in shouling down our printing presses it's a their three-directory season's pedisperies would her the The state people who it as we're some of a threat

STATE THE PARTY tiess for 2600 without deviating too much from the inwith no problem. Will this be the end of 2500 and other backer related galdientions. The year have any afterna-The WIPO stealy sents like it will begin a law

gening majdava in pagé en signa). section many deficient to what you've Aghning the before maries in the and ingreasy (We about) gives they you the course but to real life. The latter is ready all that just, jourhaire en ubligation to cheffenge it. Not jugi in willingscor of people to obey them. When a law is anand hills that seem to have no limitation in the apparent What speech as most wheat off of the small littles Neer poil

NUMBERS

Dear 2007

purchase in the DOMONN, area. If you draw "811" to the DC area on the MD area - you were segond ANI serv I recently found some that (though not two helpful) Thought you neight work to know some of this

> sumber...) Oh, and of course, it won't call long this sance. Any other what SSCH might stand for I categories strategy people strate 169 will lead them so that as whoever answers stays on the phone. (Well much use up) It will call that newbor and say "bello" for as long and 958 and the last four digits of the pelaphone years are the A key (once so hear it good back to you, swice to hang the phone number of schorer you said to call and be ing "Helin I'm SSCC, your identification plane " Fator (202) 362-990), you will go a computer message store in Chicago sco, so maybe it words elsewhere? If you dist just Ball Arbert's phone for some reason. Used to work hing up. It will out you back about 10-15 seconds been eciver (without hanging up) and you will know a boop. calling from you will bear a pouse. First down the resize You'll get the number you're calling from. If you This also werks from pay phones, but not COCCIS.

SALE STORY

Career Move

things off the Clin. Is there any place where I can buy SKIBIN to remove the link books from clothes. Please belo if one at Alex I need the took that department stems one rock that the record states use to take those top photic I need to find a place where I can have one of thesp

一年 からいでん You may have so not a few sames before you advance to iail disié 20 kest yan 145. Dan 7 teka no jiar an 145 km. Go to your focal precision and exhibit ground his the high

SECT

Surprised?

Dear 2600:

rang than they builted the people that they actively more around, but what is even more shooking was their adoktcondit cards and set up survillance following them monator as a chaest to the government. They they their that they consider and 200 people that days actively 1998 that the Secret Service has a fix of St,000 people It was unrounded on Dateline on Monday, July 27,

They portledly den it realized is heat

Questions

up duggest twould get bet burget? I'm on the phote right tends of getting her voice truit, the number would name bled on an intensting phenomena. After about eight (she coses me dead possidents and in running), I soun-While disting an experiment's moder regressedy

> message, prayring keys someoff to have no effect ear message playback. It happened five unless and from get a strange dial time and then a partial playback of a different phone aumbors. At the distance and during the within I raw day person and always hould the same parwould get disconnected. I tried back several times game the massage was been. After the message ended volte muil descape is head about (0 soronds and i we good) message. Then after another by or two I would

greated. I wonder if the everload could gerechter give the mail has an beyond? Let the know when you find our sure that dialog the number repeatedly overloads the graines to Bell Atlantic's Home Voice Keil, I am peelly seems to more minorger or perhaps the eatine words "She is the bell (Northeast VI) area code and soft

Reportlouster

use() to make a different conjudity message to maple, that he side that identify, failing is the process. Subset that or see again observable fitting to exceendige. high while in some formed a posterior sinte, mind despenrow. When productly happened is this poor statistics no eather to set also switch by college back eight down as a with distributions), and other to confident page with the We find a very webboly that you could single hand-

tion, well thanks for your other. tell me how or who a can contact to got this informagrade, a will subscribe to your cool magazine if u can ing into a schools computer and changing your with someone who can answer my question about backwhy can a not answer??! here can i get be touch

R. Divoleradia

replies area i possible. mente with our tomail autocopy that taps personal Age one of many lameterines who got the tight

you'd like to resons them so please he me know it you'd consider them, and how the your like, but I than't want to waste unjoine's time, Bu you gays consider campaigs? I have some that I

of it sometime for the who we do go advant and PURDLE HOUSE

上のでのである でい からの あるいがい in there is the figures got the and the their base is single one

ace you hackens or what? 2600 magazine , i dog'i mally instructive what you do. I just love your webpage at's knot a warns got the

Think the remaindency for that again, You fails Malbachsa

Wildly you has need the name with the point

Dear 2606 I was wondering if Before course as a former from

Cursin piace, and is therefore eat dod to free subscrip-

of Africa except for South Africa. But to get year free else teufe former Societ Bloc deer un door Cubu and all уның так жаст болону, уен бол пұрмітуу тан ситуюли quantity we have an way of differentiating the first 學 排記 更 在日本指於 法部 We make the shirt provides of you can inside the forces Improviption for another may be fulfilled from grown trimming Since you guys got southward up by a Wastern

Incidents

Dear John:

"tracking" was using the Movell send command to broadcast the Elegang "Those Machines Sock" towary computer in the achoot. theritim if I did out quit my "leaking," My so-called computees and the replical copies who does not even east and said she would call federal, said, or local acknow how in coaste a directory but she called my pas-I unlike to I go to school and of course we have

KIN

West, a potentiar into the fi

D037 2000

were systems in Australia for common explora using a peogram catled rescon. Anyway, that isn't important Without Turn with this about the time when when it will I was regardly toward golds by the FBI for according

crited a "true Keyd" micker Bring the good little had nowhere else to position with right dank bitter point me my renoted pieces of this trees. he place to glick consticker where it would could for so il stack it in the lock window II don't drive yet, so some amount of time. The profest seemed to go good backer that I was, I want around looking for a very pub-When I got Volume 05:1 of your zine, I also re-

His pissed the off severely. of rais writing. I have yet to get backly my carele made a questioning me rand taking my things, which at the time gains of showless the HBI that he was appeal off the "The Korin" shough and throwing it in the participants. During the time that the FBI spent at my house

9000) See laicking (semediang I don't plan so do asytime backed this up with the statement that no one could minutes telling the Low so one supports Keyra Matrick. And to raise about \$300 for the defence field. He has ple at 2000 had no support, and that they had only been friends" mick behind him the also told are that the progoog me, and wook'n't support the if I men wait to let and once a hacker gots bushed, none of his "haufers After that, the field agent involved spent about 30

and the sticker, they would label him as a faction and of few The F81 steach the feet of God seto by unob support needed by the public test's gotting there because just by being there. He drought that because they would The unit point I am aging to get at beth is that the

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street of governmental retribution. The more proqued media meaner the sint out of its of people. Play or a new ence. Nethody factors from stepline going to reserve the 行うなななない。 below and age for smiling: you are above manage for many people of a somety to think their file whit have Light-Madely, attl at a companion reaction unions

This in Helfman Estates, Impos about two rates

SUBJER and planned book his job. The was quant found by a tensely questioned about where he had beard about dad asked around at week about SCATA. He was inworks later my friend called me up and told are that he get his dad about it the received at Acamitmah). So two chess on my phone like I was an e-mail to my friend to had such potential by Bouse (a Lincoln) and heir one and would be reptaining the for the past two months I have the mosting the compared security guy rold are that he had been on of the remain; or was placeting in be. After eg. The man from law differentiated identified binnelf and shalled me about any contrast in phones and computcame over to my house (with ny parents" pennission) as a computer security investigator and asked the dill for east man weeked to have a needing with one. They wild that an Americach becamy Popular and a law eagros pinked me up and three elega later my parenta were loand has and he rack me outside where two and eags. down. The table: acc said "Come wat me." So 3 fol-Then be told him SCAF9 wasn't touched, So my parway into the public office then south into the cafeteria. phone to comeand if broad him say that I had talked my heard a trac tolking out what looked like a beeper sized while they called my papents and run my naccel devertheir my imperpoints. They teld the to so in the char and if I extend a collecte phone to a leaper. These they ters that de tagy questioned me about where I was from had instead they took one to a building in the beautiful. thought they were guing to take one to a police station articles ment they already lead my bide in the Irisale. were holding the patholican dash open for rat. To reg earthead about that government of should work which the dues with a camera above of and two actived grands. I the epigerns and into some work of rount that had a start then leave it's soon as he corned his back I walked into pointed to a conser and field the 55 une the phone and could use to make a local call yo he let me in. He to get in so it walked up to the dones and they were locked so I called the guard of them was a phone inside i building (the institute) so I godo over their and wanted got the heli dura have and then I saw another American there was a remained incinerated. So lithought I'll just bused of smake down the road so I rode down there and those second the decruit thing form neces before I saw a might find some descended manuals in the trust so (very rate). So I got to and booked around I though I grapy from America's Corporate and Traditional Southern was riding, my been and was the security falls well up

> man and all of his files from his file radiness were must the Solary question is when the field is SCAT-9 and who

THE CAN DEPOSIT OF THE PROPERTY OF THE PARTY Actuality you did't i marches mwyst a nideo guard

darkrager

stand up for your consideres, it may feel the she had

More intermedia, you should be proved that you

Tuesdo Mask

what you did sook country and you if feel have in the

public has of us.

they we may containly get through as some of these thinkgod Hopefelly you'll expens others to do the same only

Dear 2000

out the teacher thought it was towersting? She gaid not know i'm spreading the read about World's send you a copy when I am done, less thought I'd ion you she told use to make an article on Kevin Mithick I will об бас вухіратитів жен ба пейсі в хейдой не марарет візі "I'm gaine get suspended for this one" but as it careed as the traction read the flyor, I high winking to mysteld parateging Kevia Mitnick as an avil violent backer. So that protected Minimus wishing the marie lighted on the cover of the bipder. The flyer was one I priched off fun of by the settions, I sai down and paties out my ter being late for desistep publishing and getting made reacted a style is put to the circle posters on the short the Studen Shorely efter pulling it out of my log, the teather Testing was started patrons here in Salina, 3.5, and a S

Day of Marin Sast. themselves for four of purchases the longitudit resided This said when high in related are afront to express NOTE WINDS

Dear 26961

the satellite office in Phoenix. this Place called Consumer Card Services (1-600-559-2381). It's based in Oblahoma, but I was working out of So I was fired from my job today. I was working at

mattern so that they can make that get on your credit 3 cards" I religiod to ear this. I explained to them many cross conds. We had a list of rebuttals and if the people tirees that this is not correct and the media is not conon who will stop at nothing to got your account is for but there are malionous computer originals called back-Moto (Bitatio) maybe you've seen this on the news larely tion?" the required I was approved to give man, "We'll were to ask They would people got my account informa-Applicat, what we sold was fearerful backing on

grabbed my briefrase, stack my mag back in, and neathed out the theor To think that just because I ared whose classy published one of thy letters(). We call of the thing I happened to have the lated bone of 36% is me into his office and said be was lening the go I were the quota is those a day tobe service is \$200). So the boss to still be following my script verbation. But doing it my supervisors held it up and said. "What the fact is this! pervious were going through my brieftesse. They said it back to my subject to go my brieflows and my two sowas mentioning when I did it my way. The boss called way I was making five to seven substituting, even shough the steading crodit cost info?" I was so posed off that I was because only wasted to make some fight I seed any Received it was may my third work, I was supposed

2460, just because I defended hackers. I must be a thier I find seddened and him that that is the view the

promptly have up on her. Sure, I might not have SArade with the much I said ber that I was story and the (se so I am convinced). She proceeded to be very Edjacyte the roll but here connected, but I don't think vendos for the slater purpose of harastrag people like him for about 30 minutes and had a nice class Immodileging it ring, and diabet the eight number. I called to dentally dished the wrong number, so I have up before pignall right that reactivity I was calling a triend and sectimost proper phone piquotta (pecunya I harp up before 190 call was from some paracolid person who has not arely after 1 burg up, the phone pay and 1 picked it up sues with saved change!) but it do buy every issue and I have yet to become a subconberno 2600 (3 buy is-

people, and I'm frackly sink of it. Sizes a question is: the back accept the television maybe in which it typing to do Can Uperplie be a lattle electronal area by before they call teill to the 1'm sick of parametal people who abuse their hardenest and it is grolly much the same as a practiand harass me about it, how is that different these it they have redeived several easily rails from these paracolid cap call book and harmy whoever night have called it ing cataons, have been humaned servical sizes by people also sign wrong bursies between I was in a firstly sto "165 to harass the every time my modern accidentally dijud radial are set handed reft in ray opinion, it is will out software, accidentation and then they call the best menta get "69 so that every time the jabour riegs City who above 466. It species like these people pay the estimate 'My fileads and I, who are very moral and her abid-

Zero_Non

out to gard your early our tarns to be properly in the Californ langer such a ching or on a need miniate - concerns if promoting their continuous least someon. There is no stigle purcement, him was records) sond the word fixture for a firm of its eight fixed in a had only bet the line level blocked (family applied by The can other think procedure outpoint with the of FR. Carl Reners, and Call Trace. It's awily presty said They is exactly the kind of attitude their lightweets by

Facts

Dept 3650:

before? It was a marginine accept by the Comman gonone called Signer I wondered where I saw that name Regard about asset the educate mentions a mag-

> vitioners Cerman edition mission during the Nazl period, scalaring phatmas of

Just a green at re-mhere? State Made What you think? Markets in the phone company? Or promes of things. They had a Callet ID box on their ber for Microscottes to pick up the new issue of 260th. The cumber on the Calter ID box, 934 513-535-556 collect as the front of the phone book where they whole I recently found sain our while havining up the num-

Burri Missical

phyched mad appealled that you didn't road up a copy the agents are engineered by the man we're

Dear Miles

computers? (The quote on the inside cheer?) prove oth-Charles) ing that Renaits nothing but a market; when it consex to like the ones of the conquium (14.2). Could you be say: Is it just the or are the type of Janet Rone (18.2) just

Some charger array and two frighteening so rath salpose.

Drag 2600

uses satisfied and the good account Justice had seen in was any place of her to my as east mediately for 50 miss.

crament types when an SPG when transpiration? If it's ang Garme" finers a completey suited Eden Studies Inc. get year-backer, then what the hell as it? Did you give backer in meaning? And if it is, salty do those pro-pow the compoted winder I wish places supposed to be one). the bullet were straight through the board and shadood cropings that the baseur box a ballet boll in his poor, and but 12500" written ofcorfy on it. The disturbing part is his computer, with a case of Job colls and his mouse god parts on gage 40. The promotes that of a harden, sitting at this as I was reading the book. I saw a distorting proat excellent grown But that's real the point. The point is The unitie of the game is Conspirary X 1 mind say, it is barry about 70 In does bear your sope Lescency bought a new "pen and paper Role-Flay-

Metrocard Fun

district samples of copy.

had again we've solution and approved that you

Yes Mardine

Tear 2600:

blackout period, which provints the earl heider from gommene else right after I enter a spring, there is a In order to greater me from poosing back my card to ple to share them with family members and friends. But are note 30 days for 56%, the MTA has encouraged prothe new "undirekted" Edespellens have some out (200) shough I haven't had the expectability to att a year. Since work. Well, these what you neglit call a social back, alhow the edge-of-back on the New York schway system I know that there has been a lot of codestry as to

Fell 1998

Some of 11 did per ruch a thing the day the contribution of undergradual from of at trained respect people must a subsequent and the contribution of the contribution and contribution of the contribution of

Fun Site.

Dear 2660:

After searching for situs on closed systems, I have found some sites where you can make a rebut take pitch are of classrooms, or make rebut a are sit took at little gardens, or even make things appear on an elastication sign. By the way, a closed system is where you can send information to a characterist and get a confirmed month, take a compaster that turns on a light and then the consputer that turns on a light and then the consputer that you that the light is on for sure.

The site for controlling the milest is: Aup //www.cs.com.eph/dy/cs.com.eah./We/Proplet/Som.or/ Xacier is the milest, and he buts on seate. Issue and any Xacier is the milest and pround the Laffe at Curregite Mellon You must imput your e-mail address no pet a priority more configuring that he such that you asked of him. You can gloo make Xacier asy to oppressive and other charge. There are specific times that he can be operated, so be a finite crafty.

If you want to see a garden, the size is: high flowwast, coloid appligned on The garden pictures all popular right every and all you have a do it of lisk on an image map. You are when you want to plant a stock reaand change an area where you want to plant a stock reater is, and make sure it gats equiph artificial wantight. The camera out he toked a market you was your hardleach.

The site for a Remote Asserts Astronomy Project Remotely Operated Talescope is: Any Measurding-space and Astronomy This pire late you book has space and Astronomy There is a dignal camera in hinds self-supplements. There is a dignal camera conted at the key of the Broad Hall, the physics building as UNSB, and it is specified to the back of a computer controlled Calestron IAT telescope. All you have to do it full out a form and implicit secure information about

where you want the followays: Is look. It includes countpies for you measure. If you would like some condinated, my rat 3th 15m [44], does 14d 41m 50s pointgain 6, entire 6. Both filters remain at 8 (empty) forducte a valid combit address, so your own got a picture confurning the enlescope took pictures. Sourcan use agrething for runned less but you may have some problems if it's non-close to the sun, so try anything above 14.0th.

If you want to look at people on the brach, go to hap several authorotopy? You can go look at people on the beach! The photos have are clear and updated early 16 minutes. It's leasted to Venice (beach, on top of a story that does photo processing, javadry, and other trings. For those of you who start, the some is called Good See State.

And for the obstance sign, go to high shape necessary consumptions of the sign got a facility to got and the phase you wish to part may be broked off. Institute (Vinta, This sign is connected to a Shidos diagona; (81% mathics it's located at the expinenting pit at Necessary, so my to say something perfect to the expinential profession.

There are a few other phood. I have found but they are all precty larne. [the velocing a definement and the temperature inside, or talking to a shipid assume, or need leaking at the number of Coken in a page mathire.

KRaZy dOk

This letter even as hower of valuable production that Educational shough

Still More FYROM Fun

Dyar 2606:

The read a longer by Christon Parakeyepositor about the generative FYROM which you placed to Materialists with the abbreviation MAC I take read your arrays which I found either disturbing filter and it knows as the incides each new country's name and you call in with the partie you decide. I would like to ask you so change the abbreviation MAC with the correct one, which is FYROM, And to face as the part which says "Unless points around failing countries arms like FYROM is your about a fulling countries on the rain you have our idea of human' is going around colling countries matter like USA.

Varriides Marios (An angry Greek)

That's unhably privity fairly. The the thing is, we call people to our country Americans because it is part of the USA mann. Mountains to part of the FSGOM mines yet you don't want to to pall them Mountainster. You've mode at an for the weap restore if the country were called the Footner Hypothe Republic of lifetime. We would call them FN-Politic that we would it call them FN-Politic that we would it call them FN-Politic that is not appeared who the in that place you also This to say? And begin to clear.

线路路线路路路路路路路

Progress Continued from Piece S south Figure 21 the neary formers on the subj

merely vowing to prospecte the backers to massed are opportunity to get it aight by and many of those new people have been clear that a lot of interest was generated ing at themselves to see what might have the fullest extent of the law instead of tookof us realize. And the Times once again is a for more level playing field than many people who have any spiret at all will find the message, nor should we. When the syschecking in for updated info. Yes, working paseds 20,000 and 30,000 a day but it's Since then it seems to have leveled off beday of the back and 98,116 the day after our counter went from 13,536 hits the day some way of getting the wood out. The not tem doesn't respond to continued injustice. cannot control the way everyone speeads within the system is preferable. But we before the Takes back to 62,582 hits the (which was linked from the hacked site). stery. On the www keyinmitnick.com site express an interest in the Kevin Mattack istic integrity. And most everyone began to security and their apparent luck of journalreveals that most people don't think the glance at the many forward on the subject Times had it coming, both for their lack of back itself is a serious matter and that the

danger. With nearly 10 gigs of data to go that his accessing the evidence, only available on computer, would somehow create of the prosecution's irresponsible allegation able to see the evidence against him because States Supreme Court, life still basn't been things have changed remarkably little. en out here in the real world, behind hus dreary day. Despite all that has been going get that Kevin remains in prison day after defense feam can be adequately propared by see how it's even remotely possible that his through by his trial date in Isnuary, we don't human right was turned down by the United alone bail. His latest appeal for this bane Royin has yet to even get a bail bearing, lea spurred this. Burnbroughout all of this, we cannot for-

> emphasize that maybe things aren't hopedeac much to build Kevin's resolve and to shown, perticularly in recent months, has one's strength. The support that people have day effect day and prison is designed to erode him "guilty" in his own words, It's a painful would no doubt keep him in prison for even cept an "offer" from the prosecution which and difficult decision for anyone to have to tion, crede his support network by making ocults with a frequendous disadvantage or achis defense and be forced to either go into works. Kevin will have no preparation for then. That, apparently, is how the system face. It takes surength to keep up this fight longer and more important to the prosecu-

No matter what kind of torrure/mind games they put him through on the inside, we can the outside must not back down. This has gone on for far too long. Kevin Mithiek observes to be released intendingly. It's no longer an issue of what he did. Enough is enough. His continued incarceration for what he was accused of is nothing short of a human rights abuse. We managed to make this clear to Hollywood. Now it's time for Washington.

Please show your support by getting as many "Free Kevin" bumper stickers visible as you can. We're selling them for \$1 each with a minimum order of 10. Every penny goes towards Kevin's defense fund. We're donating the cost of printing so nothing will be deducted from your coordination. Make your checks'money orders out to Kevin's grandmother. Reba Vartanian, and reall them to us - 2600 Bumper Stickers. PO Box 752, Middle Taland, NY 11953. Do not make your checks'n our to 2600!

You can also show support by grabbing the virtual "Free Kevin" bumper sticker available on the web sires named above and getting it placed on as many sites as you can (with permission, please)). If you're interested in printing out a leaflet and distributing it, you can find a westedn for downloading them on our sites as well.

Fall 1998

Were on SIRRnet

by Ex-Eleven

As an open systems pack who makes a living doing network integration along with network sociative, it makes me scalle when my computations and weaknesses that five escalated to retwork administrators 1'd like to give a big shout out to the Ruiner for his recent article. Sometimes in the course of my job, I get to work on "sensitive" networks. The SIPRnet is an example of this.

To scanthance what Ruiner said, SHPRnot is a network primarily composed of Un*x systems that are connected via encrypted links. In his rime these was a diatrup modern pool that used Cisco 25H remainal servers and challenge response authoritication. By and large what he stated is prerty data accurate, although there have been scant changes. We'll get to those shorely.

SiPRner is a defense network that connects schoots and individual basts that are classified at the secret level. This means that you will find unclassified documents on it (by vince of being added to a secret level, they become secret) and secret classified documents on the network but you wen't find top secret things like platentum levels within warbacits or latinals order. The SIPRner is managed by DISA (Defense latinstate Systems Agency) from a banker inside a mountain. For those of you who care, the banker is at Pt. Dietnek in Frederick, MD.

The dist-up ports have been elemented to the best of my knowledge and they containly are not undersed or supported by SIPKnot network operations. Connectivity is provided via Franc Relay connections starting at 56k and working their way up. Une provisioning is done through GTE government systems. No surprise there. The connectivity is done as follows: The line is fed into a standard Motorola CSU(1)SU

which connects to the encryption unit (probably night DDS). The CSUDS() side of the crypto is known as the black side. The router side is known as the red side (because this is the unencrypted side). The router it either a Cisco 2501, 2514, 4500, or 7000 depending on the users' needs.

considered sensitive but not classified. The opposite also applies. explic device is separate from the CIK. It is small two-sided plastic contb. When the is a Crypto Ignition Key that looks like a CLK plugged in to be agustational. The CIK key. They also have to have a devace called a OTAR, OTAR stands for Over The Air Reorypto devices change their key throughout their connections via securiting called an not a elegated undevidual. I length that the thing like that but cannot find out since [and descend it, the keys are leaded via a paper durant haves, until semment loads the cryptoor a KIV-7. The KG-84 has been manufled ispat skihough i haven't been able to find keys that will be used on the link. As I un When installed initially they are busically are designed and approved by the NSA. manufactured by Allied Signat. Both units ing Bendix and Albert Signal. The KIV-7 as tured by several different companies includthis out for sure. I do know that it's some-The on prography might other a 火心-34

The hosts that are attached to the notwork bave to be secured to at least a C-2 level. Security levels are tested by a SIPRnet tiges learn out of Virginia. The exception to this tule though is that there are some NT boxes attached to this notwork. As you all know, NT is not C-2 unless it doesn't have a notwork eard or doppy drive (go figure).

SIPRmet holds a lot of apportunities for those who have the shifts to get access. Perhaps someone on the inside can give us more details.

「神秘」 資訊指示:投資の日本でお家の中であげます。年家は格別のお問題が大名が、近年中のお子がす。 お問題が大名が、近年のものがます。 下記のでおり最近の日頃に乗りあるます。「は時の上、面してお取り供があって、からはでようお願い乗りあげます。 INVESTIGATION AND Tall-elbons 2625, com Washaber 2600 com There a coop laure of 雅爾用 Fack you 2600, over Ada 2000.com 旅海州 d£DSAR″ joe€ff.irj⊀u.os.jp 第二年 からな or gr Digit 金郎没有 社器数额 名名名 17 FAX送信状 2600 coo -41 好當即順為治二莽

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Missouri 53125 preferably non-volution all owner districts the PLEASE COURSE WINCH WITH TOLK IN TRANSPORT ENABLED BANDAL POPOL DE MENTALMEN DESCRIPCIO computer (working). Also wanted: Heathlot: ID Cantzet: WANTED, 30 Box 11862 (th), Sc. Cit., know where one can obtain, a self-blank-sine 1890, 10-1990, 12-8090, Open anyone have, or

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